

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091321\
 Data File : VX024180.D
 Acq On : 13 Sep 2021 11:07
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:47:19 AM

Quant Time: Sep 13 12:07:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091321W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 13 12:04:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	211975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	333372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134518	46.612	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.220%		
35) Dibromofluoromethane	5.397	113	103171	47.840	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.680%		
50) Toluene-d8	8.653	98	381415	46.766	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.540%		
62) 4-Bromofluorobenzene	11.085	95	149428	49.495	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	89869	42.241	ug/l	97
3) Chloromethane	1.295	50	88378	38.187	ug/l	98
4) Vinyl Chloride	1.374	62	90241	39.883	ug/l	100
5) Bromomethane	1.599	94	51002	36.429	ug/l	99
6) Chloroethane	1.679	64	58786	37.996	ug/l	100
7) Trichlorofluoromethane	1.886	101	154977	42.824	ug/l	99
8) Diethyl Ether	2.136	74	53443	42.389	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	90887	44.395	ug/l	98
10) Methyl Iodide	2.453	142	131690	46.688	ug/l	92
11) Tert butyl alcohol	2.977	59	157984	265.513	ug/l	98
12) 1,1-Dichloroethene	2.319	96	86193	44.018	ug/l	94
13) Acrolein	2.239	56	60021	182.686	ug/l	97
14) Allyl chloride	2.666	41	158692	44.010	ug/l	91
15) Acrylonitrile	3.075	53	289984	225.363	ug/l	97
16) Acetone	2.392	43	289171	224.334	ug/l	90
17) Carbon Disulfide	2.514	76	197570	42.817	ug/l	99
18) Methyl Acetate	2.709	43	161556	49.508	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	331841	48.112	ug/l	99
20) Methylene Chloride	2.794	84	100644	41.293	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	92600	44.214	ug/l	98
22) Diisopropyl ether	3.770	45	316354	44.132	ug/l	95
23) Vinyl Acetate	3.733	43	1285284	222.449	ug/l	95
24) 1,1-Dichloroethane	3.617	63	180526	44.971	ug/l	98
25) 2-Butanone	4.568	43	432978	224.436	ug/l	96
26) 2,2-Dichloropropane	4.483	77	165351	49.423	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	110651	44.431	ug/l	94
28) Bromochloromethane	4.904	49	75994	42.291	ug/l	99
29) Tetrahydrofuran	5.019	42	278533	223.177	ug/l	92
30) Chloroform	5.105	83	195099	45.647	ug/l	100
31) Cyclohexane	5.477	56	153391	42.669	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	178833	48.679	ug/l	99
36) 1,1-Dichloropropene	5.702	75	134103	45.115	ug/l	99
37) Ethyl Acetate	4.727	43	162342	44.215	ug/l	95
38) Carbon Tetrachloride	5.684	117	155822	49.528	ug/l	98
39) Methylcyclohexane	7.385	83	161410	44.869	ug/l	98
40) Benzene	6.044	78	393040	44.668	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	88742	44.724	ug/l	92
42) 1,2-Dichloroethane	6.099	62	167061	47.795	ug/l	94
43) Isopropyl Acetate	6.348	43	261840	45.592	ug/l	94
44) Trichloroethene	7.129	130	108944	44.681	ug/l	97
45) 1,2-Dichloropropane	7.440	63	105056	45.017	ug/l	99
46) Dibromomethane	7.586	93	77560	47.294	ug/l	98
47) Bromodichloromethane	7.830	83	148983	50.028	ug/l	99
48) Methyl methacrylate	7.702	41	129860	46.519	ug/l	88
49) 1,4-Dioxane	7.665	88	60405	1005.356	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	869659	235.325	ug/l	92
52) Toluene	8.726	92	258051	45.304	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	170820	50.475	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	174763	48.651	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	111182	46.973	ug/l	98
56) Ethyl methacrylate	9.122	69	178561	48.597	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	181533	46.522	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	484979	251.326	ug/l	98
59) 2-Hexanone	9.433	43	696131	244.254	ug/l	89
60) Dibromochloromethane	9.525	129	118255	51.585	ug/l	97
61) 1,2-Dibromoethane	9.616	107	119418	47.972	ug/l	99
64) Tetrachloroethene	9.281	164	109792	44.965	ug/l	97
65) Chlorobenzene	10.086	112	287423	45.154	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	112057	49.107	ug/l	100
67) Ethyl Benzene	10.195	91	519226	46.745	ug/l	99
68) m/p-Xylenes	10.305	106	398090	94.102	ug/l	98
69) o-Xylene	10.646	106	198656	47.665	ug/l	98
70) Styrene	10.659	104	333385	49.086	ug/l	98
71) Bromoform	10.805	173	90652	55.481	ug/l	98
73) Isopropylbenzene	10.964	105	524173	44.965	ug/l	99
74) N-amyl acetate	10.848	43	239058	45.438	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	173360	44.863	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	166419m	46.218	ug/l	
77) Bromobenzene	11.201	156	133601	46.210	ug/l	95
78) n-propylbenzene	11.305	91	597009	44.913	ug/l	99
79) 2-Chlorotoluene	11.366	91	370736	45.906	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	448338	46.752	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	59511	48.875	ug/l	93
82) 4-Chlorotoluene	11.457	91	423932	46.332	ug/l	99
83) tert-Butylbenzene	11.719	119	441072	47.190	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	451121	47.038	ug/l	98
85) sec-Butylbenzene	11.896	105	549633	46.812	ug/l	100
86) p-Isopropyltoluene	12.012	119	463196	47.848	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	242753	46.357	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	239496	45.962	ug/l	99
89) n-Butylbenzene	12.335	91	391364	45.561	ug/l	99
90) Hexachloroethane	12.542	117	76792	51.283	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	236532	46.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41297	51.625	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	141775	46.591	ug/l	98
94) Hexachlorobutadiene	13.725	225	65562	47.669	ug/l	99
95) Naphthalene	13.780	128	499368	50.264	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143739	47.425	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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9/14/2021 10:47:19 AM

Abundance

TIC: VX024180.D\data.ms

Time-->

Chlorodifluoromethane, T
Chloroform, T
Benzene, T
Chloromethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Methyl Chloride, T
Methyl Acetylene Chloride, T
Tert butyl alcohol, T
Methyl acetate, T
Vinyl Acetate, T
1,1-Dichloroethane, P
Isopropyl ether, T
Ethyl Acetate, T
2-Butanone, T
Bromochloromethane, T
Chloroform, C
Cyclohexanone, T
Dibromochloromethane, S
Cyclohexanol, T
Carbon tetrachloride, T
1,2-Dichloroethane, d4, S
1,2-Dichloroethane, TM
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloropropane, T
1,4-Dioxane, T
Dimethyl malonate, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
Toluene, S
t-1,3-Dichloropropene, T
1-Ethoxypropane, T
1,3-Dichloropropane, T
1,2-Dichloroethane, T
1,1,1-Trichloroethane, T
1,1,2-Trichloroethane, T
Ethyl Benzene, C
Chlorobenzene, T
Styrene, T o-Xylene, T
N-amyl acetate, T
Trans-1,4-Dichloro-2-butadiene, S
1,2-Dichlorobenzene, T
1,2,3-Trichlorobenzene, T
2-Chlorotoluene, T
1,3-Dimethylbenzene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
1,2,4-Trimethylbenzene, T
Isopropyltoluene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
Hexachlorobutadiene, T
1,2,4-Trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T