

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024472.D
 Acq On : 24 Sep 2021 00:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:58:00 PM

Quant Time: Sep 24 07:41:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	147362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110473	53.192	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.380%			
35) Dibromofluoromethane	5.391	113	83052	53.665	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.340%			
50) Toluene-d8	8.653	98	316364	55.542	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.080%			
62) 4-Bromofluorobenzene	11.085	95	121592	54.293	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76922	51.876	ug/l	99
3) Chloromethane	1.294	50	71748	51.332	ug/l	100
4) Vinyl Chloride	1.374	62	73785	50.466	ug/l	99
5) Bromomethane	1.599	94	44388	45.108	ug/l	97
6) Chloroethane	1.679	64	43683	44.885	ug/l	100
7) Trichlorofluoromethane	1.886	101	118113	45.779	ug/l	98
8) Diethyl Ether	2.136	74	40045	45.599	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	72928	50.125	ug/l	95
10) Methyl Iodide	2.453	142	103587	50.884	ug/l	93
11) Tert butyl alcohol	2.977	59	125900	261.196	ug/l	99
12) 1,1-Dichloroethene	2.319	96	71234	52.733	ug/l	96
13) Acrolein	2.239	56	30793	273.164	ug/l	98
14) Allyl chloride	2.666	41	129831	52.570	ug/l	93
15) Acrylonitrile	3.069	53	240815	255.228	ug/l	98
16) Acetone	2.386	43	239695	274.530	ug/l	91
17) Carbon Disulfide	2.514	76	175267	50.331	ug/l	99
18) Methyl Acetate	2.709	43	159893	51.413	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	258986	50.872	ug/l	98
20) Methylene Chloride	2.794	84	82157	52.936	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	73852	48.145	ug/l	94
22) Diisopropyl ether	3.770	45	254841	50.505	ug/l	97
23) Vinyl Acetate	3.733	43	1051229	257.279	ug/l	95
24) 1,1-Dichloroethane	3.611	63	142474	50.855	ug/l	98
25) 2-Butanone	4.568	43	364970	255.168	ug/l	92
26) 2,2-Dichloropropane	4.483	77	105764	41.967	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	88556	49.394	ug/l	97
28) Bromochloromethane	4.910	49	66337	52.160	ug/l	96
29) Tetrahydrofuran	5.019	42	240041	263.382	ug/l	90
30) Chloroform	5.105	83	155815	50.359	ug/l	99
31) Cyclohexane	5.477	56	123794	49.778	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	139206	50.677	ug/l	99
36) 1,1-Dichloropropene	5.702	75	108499	48.583	ug/l	99
37) Ethyl Acetate	4.727	43	135627	48.642	ug/l	95
38) Carbon Tetrachloride	5.684	117	122713	50.478	ug/l	96
39) Methylcyclohexane	7.385	83	129232	49.420	ug/l	96
40) Benzene	6.044	78	309722	48.500	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	75133	52.179	ug/l	92
42) 1,2-Dichloroethane	6.092	62	130643	48.713	ug/l	93
43) Isopropyl Acetate	6.348	43	203492	48.005	ug/l	93
44) Trichloroethene	7.129	130	84565	48.130	ug/l	98
45) 1,2-Dichloropropane	7.440	63	81226	49.302	ug/l	99
46) Dibromomethane	7.586	93	58842	47.629	ug/l	98
47) Bromodichloromethane	7.830	83	114461	50.553	ug/l	99
48) Methyl methacrylate	7.696	41	105470	50.249	ug/l	87
49) 1,4-Dioxane	7.665	88	48220	1002.993	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	717562	256.415	ug/l	91
52) Toluene	8.720	92	214128	51.908	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	130213	50.740	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	127973	49.043	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	89536	52.492	ug/l	99
56) Ethyl methacrylate	9.122	69	147394	54.292	ug/l	89
57) 1,3-Dichloropropane	9.311	76	149779	52.043	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	359332	268.143	ug/l	97
59) 2-Hexanone	9.433	43	589207	267.356	ug/l	89
60) Dibromochloromethane	9.525	129	89144	46.152	ug/l	98
61) 1,2-Dibromoethane	9.616	107	93682	50.029	ug/l	99
64) Tetrachloroethene	9.281	164	77018	49.109	ug/l	98
65) Chlorobenzene	10.086	112	227559	48.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	86310	49.058	ug/l	99
67) Ethyl Benzene	10.195	91	420315	50.299	ug/l	99
68) m/p-Xylenes	10.305	106	321377	100.293	ug/l	96
69) o-Xylene	10.646	106	157337	49.654	ug/l	98
70) Styrene	10.659	104	260229	49.114	ug/l	97
71) Bromoform	10.805	173	66640	43.768	ug/l #	98
73) Isopropylbenzene	10.963	105	412288	47.323	ug/l	100
74) N-amyl acetate	10.848	43	188433	47.022	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	143161	46.466	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	130548m	46.648	ug/l	
77) Bromobenzene	11.201	156	103068	45.976	ug/l	94
78) n-propylbenzene	11.305	91	482657	47.392	ug/l	99
79) 2-Chlorotoluene	11.366	91	294156	47.414	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	364688	49.000	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	43211	42.845	ug/l	92
82) 4-Chlorotoluene	11.457	91	340063	46.587	ug/l	100
83) tert-Butylbenzene	11.719	119	355797	47.684	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	365283	49.362	ug/l	99
85) sec-Butylbenzene	11.896	105	444699	48.444	ug/l	100
86) p-Isopropyltoluene	12.012	119	381352	48.719	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	196034	45.917	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	198880	45.095	ug/l	99
89) n-Butylbenzene	12.335	91	338724	48.871	ug/l	97
90) Hexachloroethane	12.542	117	61818	48.027	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	198234	46.967	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36127	48.563	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	118813	44.214	ug/l	99
94) Hexachlorobutadiene	13.725	225	54245	44.128	ug/l	99
95) Naphthalene	13.780	128	426413	49.577	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	123710	44.926	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

