

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024494.D
 Acq On : 24 Sep 2021 09:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:58:06 PM

Quant Time: Sep 24 16:35:25 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	136955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98758	51.164	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.320%			
35) Dibromofluoromethane	5.397	113	73753	50.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.600%			
50) Toluene-d8	8.653	98	271060	50.230	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.460%			
62) 4-Bromofluorobenzene	11.085	95	104972	49.474	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73177	53.100	ug/l	99
3) Chloromethane	1.295	50	69327	53.369	ug/l	99
4) Vinyl Chloride	1.374	62	71406	52.550	ug/l	100
5) Bromomethane	1.599	94	49395	54.011	ug/l	97
6) Chloroethane	1.685	64	45479	50.251	ug/l	96
7) Trichlorofluoromethane	1.886	101	126078	52.579	ug/l	97
8) Diethyl Ether	2.136	74	41667	51.051	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	68552	50.698	ug/l	95
10) Methyl Iodide	2.453	142	98172	51.889	ug/l	90
11) Tert butyl alcohol	2.977	59	109243	242.998	ug/l	99
12) 1,1-Dichloroethene	2.319	96	65411	52.102	ug/l	93
13) Acrolein	2.239	56	26786	256.318	ug/l	98
14) Allyl chloride	2.666	41	114852	50.039	ug/l	89
15) Acrylonitrile	3.069	53	215319	245.548	ug/l	97
16) Acetone	2.386	43	205644	252.615	ug/l	90
17) Carbon Disulfide	2.514	76	163426	50.496	ug/l	100
18) Methyl Acetate	2.709	43	142151	49.182	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	246299	52.057	ug/l	99
20) Methylene Chloride	2.794	84	77241	53.564	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	72577	50.909	ug/l	93
22) Diisopropyl ether	3.770	45	244943	52.233	ug/l	95
23) Vinyl Acetate	3.733	43	1005666	264.831	ug/l	95
24) 1,1-Dichloroethane	3.617	63	137720	52.894	ug/l	98
25) 2-Butanone	4.568	43	327109	246.076	ug/l	93
26) 2,2-Dichloropropane	4.483	77	70364	30.042	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	83884	50.343	ug/l	99
28) Bromochloromethane	4.910	49	57491	48.639	ug/l	97
29) Tetrahydrofuran	5.019	42	214197	252.884	ug/l	89
30) Chloroform	5.105	83	151787	52.785	ug/l	99
31) Cyclohexane	5.477	56	120364	52.076	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	136400	53.428	ug/l	98
36) 1,1-Dichloropropene	5.702	75	107177	50.655	ug/l	99
37) Ethyl Acetate	4.727	43	125851	47.642	ug/l #	94
38) Carbon Tetrachloride	5.684	117	120473	52.308	ug/l	100
39) Methylcyclohexane	7.385	83	123463	49.835	ug/l	97
40) Benzene	6.050	78	307997	50.907	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	68193	49.988	ug/l	90
42) 1,2-Dichloroethane	6.099	62	130083	51.197	ug/l	94
43) Isopropyl Acetate	6.348	43	197489	49.176	ug/l	92
44) Trichloroethene	7.129	130	83473	50.145	ug/l	99
45) 1,2-Dichloropropane	7.440	63	80402	51.511	ug/l	95
46) Dibromomethane	7.586	93	59202	50.580	ug/l	98
47) Bromodichloromethane	7.830	83	113934	53.114	ug/l	99
48) Methyl methacrylate	7.702	41	100075	50.325	ug/l	85
49) 1,4-Dioxane	7.665	88	42538	933.923	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	667885	251.912	ug/l	90
52) Toluene	8.720	92	203257	52.008	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	117030	48.134	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	120871	48.892	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	84775	52.460	ug/l	97
56) Ethyl methacrylate	9.122	69	130368	50.686	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	139349	51.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	319520	251.670	ug/l	98
59) 2-Hexanone	9.433	43	528656	253.197	ug/l	87
60) Dibromochloromethane	9.525	129	89140	48.647	ug/l	98
61) 1,2-Dibromoethane	9.616	107	90890	51.232	ug/l	100
64) Tetrachloroethene	9.275	164	75473	51.652	ug/l	94
65) Chlorobenzene	10.086	112	221812	50.433	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	85262	52.015	ug/l	99
67) Ethyl Benzene	10.195	91	401805	51.609	ug/l	100
68) m/p-Xylenes	10.305	106	312944	104.821	ug/l	98
69) o-Xylene	10.646	106	153756	52.081	ug/l	98
70) Styrene	10.659	104	259136	52.493	ug/l	97
71) Bromoform	10.805	173	65900	46.313	ug/l #	99
73) Isopropylbenzene	10.964	105	410244	51.076	ug/l	100
74) N-amyl acetate	10.848	43	182376	49.364	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	137259	48.322	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	124666m	48.318	ug/l	
77) Bromobenzene	11.201	156	100951	48.844	ug/l	97
78) n-propylbenzene	11.305	91	475337	50.625	ug/l	99
79) 2-Chlorotoluene	11.366	91	288851	50.502	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	357332	52.077	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	35925	38.827	ug/l	88
82) 4-Chlorotoluene	11.457	91	338953	50.367	ug/l	100
83) tert-Butylbenzene	11.719	119	353347	51.366	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	359547	52.700	ug/l	99
85) sec-Butylbenzene	11.896	105	441608	52.181	ug/l	100
86) p-Isopropyltoluene	12.012	119	371903	51.535	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	193268	49.102	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	195795	48.155	ug/l	99
89) n-Butylbenzene	12.335	91	320426	50.145	ug/l	98
90) Hexachloroethane	12.542	117	62137	52.362	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	190857	49.048	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33765	49.231	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	118709	47.916	ug/l	99
94) Hexachlorobutadiene	13.725	225	51360	45.319	ug/l	98
95) Naphthalene	13.780	128	414431	52.263	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	123222	48.538	ug/l	99

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

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