

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024731.D
 Acq On : 11 Oct 2021 23:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/12/2021 11:28:55 AM

Quant Time: Oct 12 06:56:09 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	140396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	89981	45.475	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.940%		
35) Dibromofluoromethane	5.391	113	69109	47.654	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.300%		
50) Toluene-d8	8.653	98	250317	46.897	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.800%		
62) 4-Bromofluorobenzene	11.085	95	101119	48.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75674	53.566	ug/l	98
3) Chloromethane	1.294	50	61673	46.314	ug/l	96
4) Vinyl Chloride	1.374	62	66819	47.969	ug/l	100
5) Bromomethane	1.599	94	56281	60.032	ug/l	99
6) Chloroethane	1.678	64	41558	44.821	ug/l	97
7) Trichlorofluoromethane	1.886	101	113929	46.348	ug/l	96
8) Diethyl Ether	2.136	74	39166	46.811	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	62705	45.237	ug/l	94
10) Methyl Iodide	2.453	142	82738	42.659	ug/l	92
11) Tert butyl alcohol	2.977	59	86820	185.463	ug/l	99
12) 1,1-Dichloroethene	2.319	96	60991	47.390	ug/l	96
13) Acrolein	2.239	56	26236	245.350	ug/l	99
14) Allyl chloride	2.666	41	105633	44.894	ug/l	89
15) Acrylonitrile	3.068	53	197054	219.211	ug/l	98
16) Acetone	2.386	43	210828	252.637	ug/l	91
17) Carbon Disulfide	2.514	76	147905	44.607	ug/l	98
18) Methyl Acetate	2.709	43	134807	45.498	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	223237	46.026	ug/l	100
20) Methylene Chloride	2.794	84	71995	48.596	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	67696	46.322	ug/l	99
22) Diisopropyl ether	3.769	45	220916	45.954	ug/l	98
23) Vinyl Acetate	3.733	43	913657	234.704	ug/l	96
24) 1,1-Dichloroethane	3.611	63	123100	46.120	ug/l	97
25) 2-Butanone	4.568	43	330085	242.229	ug/l	94
26) 2,2-Dichloropropane	4.483	77	92116	38.365	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	78229	45.799	ug/l	99
28) Bromochloromethane	4.910	49	55669	45.944	ug/l	97
29) Tetrahydrofuran	5.019	42	189417	218.148	ug/l	90
30) Chloroform	5.105	83	138473	46.974	ug/l	99
31) Cyclohexane	5.476	56	104464	44.089	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	123334	47.126	ug/l	97
36) 1,1-Dichloropropene	5.696	75	97330	46.508	ug/l	99
37) Ethyl Acetate	4.727	43	113164	43.311	ug/l	94
38) Carbon Tetrachloride	5.684	117	110722	48.604	ug/l	97
39) Methylcyclohexane	7.385	83	112773	46.022	ug/l	96
40) Benzene	6.043	78	282915	47.277	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	61074	45.263	ug/l	92
42) 1,2-Dichloroethane	6.092	62	119284	47.464	ug/l	93
43) Isopropyl Acetate	6.348	43	182451	45.932	ug/l	92
44) Trichloroethene	7.135	130	79939	48.552	ug/l	93
45) 1,2-Dichloropropane	7.433	63	74643	48.348	ug/l	97
46) Dibromomethane	7.586	93	54219	46.834	ug/l	99
47) Bromodichloromethane	7.830	83	103827	48.935	ug/l	100
48) Methyl methacrylate	7.696	41	101208	51.456	ug/l	86
49) 1,4-Dioxane	7.659	88	37670	836.161	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	677057	258.186	ug/l	91
52) Toluene	8.720	92	188145	48.672	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	112841	46.923	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	117708	48.138	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	79630	49.819	ug/l	95
56) Ethyl methacrylate	9.122	69	109895	43.197	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	126520	46.913	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	307529	244.895	ug/l	98
59) 2-Hexanone	9.433	43	532219	257.713	ug/l	87
60) Dibromochloromethane	9.525	129	83159	45.950	ug/l	99
61) 1,2-Dibromoethane	9.616	107	84384	48.089	ug/l	99
64) Tetrachloroethene	9.275	164	76798	53.669	ug/l	94
65) Chlorobenzene	10.079	112	205621	47.739	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	78154	48.686	ug/l	99
67) Ethyl Benzene	10.195	91	370874	48.642	ug/l	99
68) m/p-Xylenes	10.305	106	285509	97.651	ug/l	99
69) o-Xylene	10.646	106	135932	47.016	ug/l	98
70) Styrene	10.658	104	222922	46.111	ug/l	96
71) Bromoform	10.805	173	59455	42.849	ug/l #	99
73) Isopropylbenzene	10.963	105	375232	47.752	ug/l	100
74) N-amyl acetate	10.847	43	164191	45.427	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	125612	45.201	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	115263m	45.663	ug/l	
77) Bromobenzene	11.201	156	95714	47.336	ug/l	94
78) n-propylbenzene	11.305	91	428586	46.657	ug/l	99
79) 2-Chlorotoluene	11.366	91	257436	46.006	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	328379	48.918	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	38231	42.064	ug/l	90
82) 4-Chlorotoluene	11.457	91	305614	46.419	ug/l	100
83) tert-Butylbenzene	11.719	119	311340	46.262	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	333898	50.025	ug/l	99
85) sec-Butylbenzene	11.896	105	370288	44.723	ug/l	100
86) p-Isopropyltoluene	12.012	119	342515	48.514	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	171826	44.621	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	171949	43.227	ug/l	98
89) n-Butylbenzene	12.335	91	294254	47.069	ug/l	98
90) Hexachloroethane	12.542	117	55088	47.450	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	173078	45.465	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30027	44.751	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	111688	46.081	ug/l	99
94) Hexachlorobutadiene	13.725	225	50020	45.114	ug/l	98
95) Naphthalene	13.780	128	380121	48.998	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	114200	45.981	ug/l	99

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

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