

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025468.D
 Acq On : 03 Dec 2021 07:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 03 08:18:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49726	63.927	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 127.860%#			
35) Dibromofluoromethane	5.385	113	43747	54.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.200%			
50) Toluene-d8	8.653	98	154221	50.725	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.440%			
62) 4-Bromofluorobenzene	11.079	95	59091	51.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25988	40.626	ug/l	99
3) Chloromethane	1.294	50	36505	46.089	ug/l	99
4) Vinyl Chloride	1.374	62	37010	42.559	ug/l	99
5) Bromomethane	1.599	94	17419	46.590	ug/l	98
6) Chloroethane	1.678	64	29152	48.585	ug/l	97
7) Trichlorofluoromethane	1.880	101	52182	40.428	ug/l	96
8) Diethyl Ether	2.136	74	29333	55.067	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	26836	39.076	ug/l	98
10) Methyl Iodide	2.453	142	35439	41.270	ug/l	94
11) Tert butyl alcohol	2.977	59	55784	291.398	ug/l	96
12) 1,1-Dichloroethene	2.319	96	32138	46.987	ug/l	91
13) Acrolein	2.239	56	12679	355.797	ug/l	98
14) Allyl chloride	2.666	41	60259	48.680	ug/l	95
15) Acrylonitrile	3.068	53	122961	294.574	ug/l	99
16) Acetone	2.386	43	102076	236.163	ug/l	97
17) Carbon Disulfide	2.514	76	75873	39.433	ug/l	98
18) Methyl Acetate	2.703	43	78586	56.906	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	141876	59.532	ug/l	100
20) Methylene Chloride	2.794	84	43914	54.048	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	38597	51.511	ug/l	89
22) Diisopropyl ether	3.763	45	136753	58.010	ug/l	96
23) Vinyl Acetate	3.727	43	542310	286.393	ug/l	96
24) 1,1-Dichloroethane	3.611	63	72559	56.330	ug/l	98
25) 2-Butanone	4.562	43	169888	271.862	ug/l	97
26) 2,2-Dichloropropane	4.477	77	40017	34.267	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	49339	56.387	ug/l	87
28) Bromochloromethane	4.897	49	32304	53.783	ug/l	91
29) Tetrahydrofuran	5.007	42	109642	283.366	ug/l	96
30) Chloroform	5.098	83	78279	58.396	ug/l	94
31) Cyclohexane	5.470	56	44751	37.229	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	62897	51.250	ug/l	98
36) 1,1-Dichloropropene	5.696	75	48137	41.864	ug/l	97
37) Ethyl Acetate	4.714	43	66391	50.749	ug/l	99
38) Carbon Tetrachloride	5.684	117	52315	41.308	ug/l	99
39) Methylcyclohexane	7.385	83	44906	30.447	ug/l	91
40) Benzene	6.043	78	169384	48.629	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	36009	49.592	ug/l	97
42) 1,2-Dichloroethane	6.092	62	61350	54.131	ug/l	94
43) Isopropyl Acetate	6.342	43	109714	50.393	ug/l	98
44) Trichloroethene	7.129	130	46987	46.436	ug/l	90
45) 1,2-Dichloropropane	7.433	63	42919	50.168	ug/l	99
46) Dibromomethane	7.580	93	32501	52.333	ug/l	94
47) Bromodichloromethane	7.824	83	61160	50.112	ug/l	97
48) Methyl methacrylate	7.696	41	50378	49.303	ug/l	95
49) 1,4-Dioxane	7.659	88	21891	1014.519	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	350230	256.541	ug/l	99
52) Toluene	8.720	92	109504	48.154	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	61446	45.274	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	67422	45.829	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	48369	53.516	ug/l	98
56) Ethyl methacrylate	9.116	69	73690	50.241	ug/l	96
57) 1,3-Dichloropropane	9.311	76	77542	51.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	174565	255.813	ug/l	95
59) 2-Hexanone	9.433	43	265919	247.071	ug/l	97
60) Dibromochloromethane	9.525	129	51101	49.123	ug/l	100
61) 1,2-Dibromoethane	9.610	107	50634	51.725	ug/l	98
64) Tetrachloroethene	9.275	164	47318	45.994	ug/l	95
65) Chlorobenzene	10.079	112	123270	48.486	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	47636	48.859	ug/l	99
67) Ethyl Benzene	10.195	91	204295	46.499	ug/l	97
68) m/p-Xylenes	10.305	106	164253	91.528	ug/l	94
69) o-Xylene	10.646	106	84357	48.028	ug/l	91
70) Styrene	10.658	104	138008	47.562	ug/l	97
71) Bromoform	10.805	173	37149	43.887	ug/l #	100
73) Isopropylbenzene	10.963	105	199021	45.760	ug/l	98
74) N-amyl acetate	10.841	43	92148	48.984	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	72332	51.416	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	55084m	44.078	ug/l	
77) Bromobenzene	11.201	156	56157	50.207	ug/l	95
78) n-propylbenzene	11.305	91	221404	45.351	ug/l	97
79) 2-Chlorotoluene	11.366	91	141570	47.632	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	168587	46.114	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	16015	32.284	ug/l	98
82) 4-Chlorotoluene	11.457	91	160493	47.304	ug/l	96
83) tert-Butylbenzene	11.719	119	163993	44.139	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	175723	48.632	ug/l	97
85) sec-Butylbenzene	11.890	105	192082	42.526	ug/l	97
86) p-Isopropyltoluene	12.012	119	166418	42.882	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	99611	47.841	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	99246	47.041	ug/l	98
89) n-Butylbenzene	12.335	91	128364	39.242	ug/l	96
90) Hexachloroethane	12.542	117	24780	34.649	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	99175	48.876	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14379	48.932	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	57962	48.532	ug/l	99
94) Hexachlorobutadiene	13.725	225	20027	34.923	ug/l	98
95) Naphthalene	13.780	128	211440	51.359	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59066	50.555	ug/l	99

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

