

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120121\
 Data File : VX025414.D
 Acq On : 01 Dec 2021 16:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 02 08:28:45 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2021
 Supervised By : Mahesh Dadoda 12/02/2021

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	100194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153448	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53584	50.737	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.480%			
35) Dibromofluoromethane	5.379	113	48796	51.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	8.647	98	178914	50.542	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.080%			
62) 4-Bromofluorobenzene	11.079	95	69045	51.557	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45361	52.228	ug/l	99
3) Chloromethane	1.288	50	45981	42.757	ug/l	98
4) Vinyl Chloride	1.374	62	52207	44.217	ug/l	98
5) Bromomethane	1.599	94	16769	33.035	ug/l	98
6) Chloroethane	1.679	64	39845	48.910	ug/l	99
7) Trichlorofluoromethane	1.886	101	81979	46.780	ug/l	99
8) Diethyl Ether	2.130	74	32758	45.294	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	47288	50.715	ug/l	97
10) Methyl Iodide	2.447	142	40123	34.415	ug/l	94
11) Tert butyl alcohol	2.965	59	54227	205.999	ug/l	98
12) 1,1-Dichloroethene	2.319	96	44160	47.554	ug/l	86
13) Acrolein	2.233	56	10627	219.644	ug/l	100
14) Allyl chloride	2.660	41	75301	44.804	ug/l	95
15) Acrylonitrile	3.062	53	130725	230.663	ug/l	98
16) Acetone	2.380	43	134422	229.060	ug/l	96
17) Carbon Disulfide	2.508	76	108316	41.463	ug/l	100
18) Methyl Acetate	2.703	43	84218	44.917	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	157255	48.600	ug/l	99
20) Methylene Chloride	2.788	84	50009	45.333	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	47561	46.751	ug/l	90
22) Diisopropyl ether	3.757	45	154148	48.161	ug/l	98
23) Vinyl Acetate	3.721	43	620695	241.426	ug/l	95
24) 1,1-Dichloroethane	3.611	63	85425	48.846	ug/l	98
25) 2-Butanone	4.550	43	192139	226.460	ug/l	99
26) 2,2-Dichloropropane	4.471	77	75974	47.917	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	57134	48.092	ug/l	91
28) Bromochloromethane	4.897	49	40801	50.033	ug/l	92
29) Tetrahydrofuran	5.001	42	115979	220.771	ug/l	97
30) Chloroform	5.093	83	89983	49.441	ug/l	95
31) Cyclohexane	5.464	56	74545	45.676	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	82357	49.426	ug/l	98
36) 1,1-Dichloropropene	5.690	75	65262	48.747	ug/l	97
37) Ethyl Acetate	4.708	43	71213	46.752	ug/l	99
38) Carbon Tetrachloride	5.672	117	73389	49.770	ug/l	99
39) Methylcyclohexane	7.379	83	81910	47.698	ug/l	95
40) Benzene	6.037	78	194854	48.046	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	39172	46.334	ug/l	97
42) 1,2-Dichloroethane	6.086	62	67600	51.227	ug/l	94
43) Isopropyl Acetate	6.336	43	119670	47.208	ug/l	98
44) Trichloroethene	7.123	130	58783	49.895	ug/l	91
45) 1,2-Dichloropropane	7.427	63	49374	49.569	ug/l	97
46) Dibromomethane	7.580	93	36392	50.328	ug/l	94
47) Bromodichloromethane	7.818	83	69890	49.184	ug/l	95
48) Methyl methacrylate	7.690	41	54613	45.905	ug/l	95
49) 1,4-Dioxane	7.659	88	21452	853.867	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	370479	233.074	ug/l	98
52) Toluene	8.720	92	128913	48.688	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	76342	48.311	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	82743	48.305	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	52532	49.919	ug/l	97
56) Ethyl methacrylate	9.116	69	82231	48.152	ug/l	96
57) 1,3-Dichloropropane	9.305	76	86642	49.674	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	201144	253.163	ug/l	95
59) 2-Hexanone	9.433	43	287910	229.751	ug/l	97
60) Dibromochloromethane	9.519	129	59102	48.796	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56441	49.520	ug/l	98
64) Tetrachloroethene	9.275	164	54092	46.185	ug/l	95
65) Chlorobenzene	10.079	112	142868	49.361	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	53789	48.461	ug/l	99
67) Ethyl Benzene	10.195	91	249115	49.805	ug/l	98
68) m/p-Xylenes	10.299	106	197188	96.519	ug/l	94
69) o-Xylene	10.640	106	97685	48.853	ug/l	91
70) Styrene	10.659	104	163768	49.576	ug/l	96
71) Bromoform	10.799	173	44526	46.205	ug/l #	100
73) Isopropylbenzene	10.963	105	255167	48.019	ug/l	97
74) N-amyl acetate	10.841	43	106154	46.186	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	81290	47.294	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	71538m	46.853	ug/l	
77) Bromobenzene	11.201	156	65158	47.679	ug/l	94
78) n-propylbenzene	11.305	91	294563	49.384	ug/l	97
79) 2-Chlorotoluene	11.366	91	172203	47.421	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	212346	47.540	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	23529	38.821	ug/l	94
82) 4-Chlorotoluene	11.457	91	199334	48.087	ug/l	95
83) tert-Butylbenzene	11.713	119	218642	48.166	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	214923	48.684	ug/l	97
85) sec-Butylbenzene	11.890	105	275182	49.864	ug/l	98
86) p-Isopropyltoluene	12.012	119	231846	48.896	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	124460	48.925	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	123139	47.771	ug/l	98
89) n-Butylbenzene	12.335	91	200171	50.086	ug/l	96
90) Hexachloroethane	12.542	117	36744	42.051	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	120264	48.510	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16647	46.367	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	77441	53.071	ug/l	97
94) Hexachlorobutadiene	13.725	225	34511	49.256	ug/l	98
95) Naphthalene	13.774	128	250788	49.848	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76990	53.934	ug/l	98

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

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