

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025470.D
 Acq On : 03 Dec 2021 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 04 06:45:51 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 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46412	53.088	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.180%			
35) Dibromofluoromethane	5.385	113	40986	51.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.020%			
50) Toluene-d8	8.647	98	149595	50.000	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.000%			
62) 4-Bromofluorobenzene	11.079	95	58367	51.567	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39499	54.938	ug/l	97
3) Chloromethane	1.294	50	39968	44.897	ug/l	98
4) Vinyl Chloride	1.374	62	45327	46.376	ug/l	100
5) Bromomethane	1.599	94	20455	48.678	ug/l	95
6) Chloroethane	1.678	64	30907	45.830	ug/l	98
7) Trichlorofluoromethane	1.880	101	72775	50.166	ug/l	98
8) Diethyl Ether	2.136	74	30814	51.469	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	42296	54.797	ug/l	97
10) Methyl Iodide	2.447	142	42869	44.419	ug/l	94
11) Tert butyl alcohol	2.971	59	52533	242.655	ug/l	98
12) 1,1-Dichloroethene	2.319	96	39464	51.337	ug/l	90
13) Acrolein	2.233	56	10585	264.285	ug/l	98
14) Allyl chloride	2.660	41	67731	48.683	ug/l	96
15) Acrylonitrile	3.062	53	123350	262.924	ug/l	99
16) Acetone	2.380	43	139490	287.141	ug/l	96
17) Carbon Disulfide	2.508	76	91748	42.427	ug/l	98
18) Methyl Acetate	2.703	43	78389	50.505	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	148997	55.627	ug/l	98
20) Methylene Chloride	2.788	84	46869	51.324	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	43669	51.854	ug/l	85
22) Diisopropyl ether	3.757	45	145510	54.919	ug/l	95
23) Vinyl Acetate	3.721	43	573785	269.605	ug/l	96
24) 1,1-Dichloroethane	3.605	63	78656	54.331	ug/l	96
25) 2-Butanone	4.556	43	186917	266.132	ug/l	99
26) 2,2-Dichloropropane	4.477	77	68645	52.301	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	53393	54.292	ug/l	91
28) Bromochloromethane	4.897	49	35422	52.472	ug/l	91
29) Tetrahydrofuran	5.007	42	109324	251.391	ug/l	97
30) Chloroform	5.092	83	84127	55.839	ug/l	96
31) Cyclohexane	5.464	56	66707	49.376	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	73096	52.993	ug/l	97
36) 1,1-Dichloropropene	5.690	75	58281	51.507	ug/l	97
37) Ethyl Acetate	4.708	43	66941	51.998	ug/l	99
38) Carbon Tetrachloride	5.678	117	64911	52.084	ug/l	99
39) Methylcyclohexane	7.379	83	72427	49.902	ug/l	93
40) Benzene	6.037	78	181185	52.860	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36279	50.773	ug/l	97
42) 1,2-Dichloroethane	6.086	62	64545	57.872	ug/l	93
43) Isopropyl Acetate	6.342	43	112085	52.316	ug/l	98
44) Trichloroethene	7.123	130	53286	53.514	ug/l	94
45) 1,2-Dichloropropane	7.427	63	46523	55.262	ug/l	99
46) Dibromomethane	7.580	93	33857	55.400	ug/l	94
47) Bromodichloromethane	7.818	83	65642	54.656	ug/l	94
48) Methyl methacrylate	7.690	41	51519	51.237	ug/l	95
49) 1,4-Dioxane	7.659	88	21248	1000.672	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	355357	264.513	ug/l	99
52) Toluene	8.720	92	119675	53.479	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	71161	53.281	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	76871	53.098	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	50262	56.511	ug/l	98
56) Ethyl methacrylate	9.116	69	78232	54.202	ug/l	95
57) 1,3-Dichloropropane	9.311	76	81652	55.389	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	182049	271.102	ug/l	94
59) 2-Hexanone	9.433	43	281811	266.078	ug/l	98
60) Dibromochloromethane	9.525	129	54996	53.724	ug/l	100
61) 1,2-Dibromoethane	9.610	107	52662	54.668	ug/l	99
64) Tetrachloroethene	9.275	164	54071	53.600	ug/l	95
65) Chlorobenzene	10.079	112	133753	53.651	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50782	53.117	ug/l	99
67) Ethyl Benzene	10.195	91	229869	53.357	ug/l	98
68) m/p-Xylenes	10.305	106	185083	105.179	ug/l	93
69) o-Xylene	10.640	106	93339	54.195	ug/l	90
70) Styrene	10.659	104	155540	54.666	ug/l	96
71) Bromoform	10.799	173	40579	48.889	ug/l #	99
73) Isopropylbenzene	10.963	105	233603	52.371	ug/l	97
74) N-amyl acetate	10.841	43	97817	50.700	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	75857	52.577	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	68027m	53.078	ug/l	
77) Bromobenzene	11.201	156	62257	54.272	ug/l	92
78) n-propylbenzene	11.305	91	267941	53.515	ug/l	97
79) 2-Chlorotoluene	11.366	91	161532	52.993	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	197634	52.711	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	22131	43.500	ug/l	95
82) 4-Chlorotoluene	11.457	91	184236	52.948	ug/l	97
83) tert-Butylbenzene	11.713	119	197626	51.865	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	199599	53.862	ug/l	96
85) sec-Butylbenzene	11.890	105	248369	53.616	ug/l	98
86) p-Isopropyltoluene	12.012	119	212451	53.378	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	115401	54.043	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	114642	52.984	ug/l	98
89) n-Butylbenzene	12.335	91	177152	52.807	ug/l	97
90) Hexachloroethane	12.542	117	31376	42.778	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	110903	53.292	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15043	49.915	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	71429	58.316	ug/l	98
94) Hexachlorobutadiene	13.725	225	29962	50.945	ug/l	97
95) Naphthalene	13.780	128	233219	55.265	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69721	58.186	ug/l	99

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

