

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025445.D
 Acq On : 02 Dec 2021 22:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 03 03:13:36 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 12/03/2021
 Supervised By : Mahesh Dadoda 12/03/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	88552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	141999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50736	54.356	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.720%			
35) Dibromofluoromethane	5.385	113	45393	52.101	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	8.653	98	168055	51.302	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.600%			
62) 4-Bromofluorobenzene	11.085	95	64400	51.966	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	41755	54.396	ug/l	99
3) Chloromethane	1.295	50	41773	43.951	ug/l	99
4) Vinyl Chloride	1.374	62	48175	46.167	ug/l	97
5) Bromomethane	1.593	94	21014	46.840	ug/l	95
6) Chloroethane	1.679	64	33903	47.087	ug/l	99
7) Trichlorofluoromethane	1.880	101	78242	50.517	ug/l	99
8) Diethyl Ether	2.136	74	31691	49.580	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	42415	51.469	ug/l	97
10) Methyl Iodide	2.447	142	42390	41.139	ug/l	93
11) Tert butyl alcohol	2.971	59	59678	258.786	ug/l	98
12) 1,1-Dichloroethene	2.313	96	41418	50.465	ug/l	93
13) Acrolein	2.240	56	14315	334.768	ug/l	97
14) Allyl chloride	2.660	41	70489	47.455	ug/l	95
15) Acrylonitrile	3.069	53	133046	265.622	ug/l	98
16) Acetone	2.386	43	110031	212.148	ug/l	95
17) Carbon Disulfide	2.508	76	96888	41.964	ug/l	99
18) Methyl Acetate	2.709	43	85488	51.589	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	149314	52.213	ug/l	98
20) Methylene Chloride	2.788	84	48427	49.670	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	45277	50.357	ug/l	86
22) Diisopropyl ether	3.764	45	146926	51.940	ug/l	97
23) Vinyl Acetate	3.727	43	581705	256.007	ug/l	96
24) 1,1-Dichloroethane	3.611	63	81969	53.032	ug/l	97
25) 2-Butanone	4.562	43	185195	246.973	ug/l	100
26) 2,2-Dichloropropane	4.477	77	61070	43.581	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	54161	51.583	ug/l	91
28) Bromochloromethane	4.898	49	37363	51.840	ug/l	93
29) Tetrahydrofuran	5.013	42	120348	259.206	ug/l	98
30) Chloroform	5.099	83	86987	54.078	ug/l	100
31) Cyclohexane	5.471	56	69485	48.173	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	77139	52.380	ug/l	98
36) 1,1-Dichloropropene	5.696	75	61172	49.376	ug/l	98
37) Ethyl Acetate	4.721	43	71027	50.390	ug/l	99
38) Carbon Tetrachloride	5.684	117	69081	50.626	ug/l	99
39) Methylcyclohexane	7.385	83	74003	46.568	ug/l	93
40) Benzene	6.044	78	186317	49.645	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38547	49.271	ug/l	97
42) 1,2-Dichloroethane	6.092	62	65154	53.355	ug/l	93
43) Isopropyl Acetate	6.342	43	117337	50.020	ug/l	98
44) Trichloroethene	7.129	130	54858	50.318	ug/l	98
45) 1,2-Dichloropropane	7.434	63	46807	50.780	ug/l	100
46) Dibromomethane	7.580	93	34503	51.563	ug/l	94
47) Bromodichloromethane	7.824	83	66732	50.748	ug/l	96
48) Methyl methacrylate	7.696	41	53766	48.837	ug/l	95
49) 1,4-Dioxane	7.659	88	23559	1013.340	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	378489	257.312	ug/l	99
52) Toluene	8.720	92	123993	50.606	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	69858	47.772	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	76331	48.155	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	52417	53.826	ug/l	97
56) Ethyl methacrylate	9.122	69	80224	50.764	ug/l	96
57) 1,3-Dichloropropane	9.311	76	83253	51.580	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	191415	260.342	ug/l	94
59) 2-Hexanone	9.433	43	286802	247.319	ug/l	97
60) Dibromochloromethane	9.525	129	55833	49.814	ug/l	100
61) 1,2-Dibromoethane	9.610	107	54996	52.142	ug/l	98
64) Tetrachloroethene	9.275	164	56956	52.142	ug/l	93
65) Chlorobenzene	10.080	112	136818	50.684	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52097	50.326	ug/l	99
67) Ethyl Benzene	10.195	91	236952	50.795	ug/l	98
68) m/p-Xylenes	10.305	106	188574	98.969	ug/l	93
69) o-Xylene	10.647	106	93732	50.261	ug/l	91
70) Styrene	10.659	104	155967	50.624	ug/l	97
71) Bromoform	10.799	173	41009	45.629	ug/l #	99
73) Isopropylbenzene	10.964	105	241487	50.926	ug/l	97
74) N-amyl acetate	10.848	43	101395	49.436	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	77535	50.550	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	59721m	43.831	ug/l	
77) Bromobenzene	11.201	156	62279	51.069	ug/l	94
78) n-propylbenzene	11.305	91	274477	51.566	ug/l	97
79) 2-Chlorotoluene	11.366	91	163560	50.474	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	201089	50.450	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	20879	38.603	ug/l	94
82) 4-Chlorotoluene	11.457	91	185193	50.064	ug/l	97
83) tert-Butylbenzene	11.720	119	202660	50.030	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	202926	51.510	ug/l	95
85) sec-Butylbenzene	11.890	105	254961	51.772	ug/l	97
86) p-Isopropyltoluene	12.012	119	214913	50.792	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	114382	50.386	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	114322	49.700	ug/l	98
89) n-Butylbenzene	12.335	91	177222	49.692	ug/l	96
90) Hexachloroethane	12.543	117	31432	40.311	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	113244	51.188	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16043	50.074	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	71222	54.696	ug/l	98
94) Hexachlorobutadiene	13.725	225	30937	49.480	ug/l	99
95) Naphthalene	13.780	128	247657	55.203	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72418	56.850	ug/l	99

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

