

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025848.D
 Acq On : 16 Dec 2021 11:31
 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 17 01:44:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

12/17/2021
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	130440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104356	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	87251	46.489	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.980%
35) Dibromofluoromethane	5.385	113	73259	49.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.653	98	277731	51.983	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.960%
62) 4-Bromofluorobenzene	11.085	95	106328	52.391	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.780%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	71600	61.376	ug/l	97
3) Chloromethane	1.294	50	74254	48.883	ug/l	97
4) Vinyl Chloride	1.374	62	80159	49.611	ug/l	97
5) Bromomethane	1.599	94	50658	43.909	ug/l	100
6) Chloroethane	1.678	64	54088	46.218	ug/l	100
7) Trichlorofluoromethane	1.880	101	130477	48.888	ug/l	96
8) Diethyl Ether	2.136	74	47187	44.820	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	71072	51.173	ug/l	98
10) Methyl Iodide	2.453	142	92432	52.233	ug/l	100
11) Tert butyl alcohol	2.971	59	75024	199.279	ug/l	99
12) 1,1-Dichloroethene	2.319	96	67589	48.946	ug/l	96
13) Acrolein	2.239	56	58698	228.101	ug/l	98
14) Allyl chloride	2.660	41	115143	45.687	ug/l	100
15) Acrylonitrile	3.068	53	202028	229.870	ug/l	99
16) Acetone	2.386	43	229543	285.655	ug/l	100
17) Carbon Disulfide	2.507	76	168097	42.498	ug/l	100
18) Methyl Acetate	2.703	43	132164	46.203	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	232238	47.615	ug/l	99
20) Methylene Chloride	2.788	84	76716	47.677	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	75668	49.100	ug/l	98
22) Diisopropyl ether	3.763	45	235547	48.183	ug/l	94
23) Vinyl Acetate	3.721	43	930370	245.934	ug/l	99
24) 1,1-Dichloroethane	3.611	63	130878	46.888	ug/l	97
25) 2-Butanone	4.562	43	307668	243.737	ug/l	99
26) 2,2-Dichloropropane	4.477	77	99829	47.152	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	87305	47.778	ug/l	98
28) Bromochloromethane	4.897	49	54614	43.417	ug/l	99
29) Tetrahydrofuran	5.007	42	184381	229.740	ug/l	99
30) Chloroform	5.098	83	141163	46.111	ug/l	97
31) Cyclohexane	5.470	56	121428	53.203	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	123971	46.528	ug/l	99
36) 1,1-Dichloropropene	5.690	75	103599	52.097	ug/l	99
37) Ethyl Acetate	4.714	43	110107	49.837	ug/l	99
38) Carbon Tetrachloride	5.678	117	112116	48.457	ug/l	97
39) Methylcyclohexane	7.385	83	128821	57.896	ug/l	97
40) Benzene	6.037	78	302386	50.976	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	60736	49.674	ug/l	99
42) 1,2-Dichloroethane	6.086	62	109513	48.575	ug/l	99
43) Isopropyl Acetate	6.342	43	176078	49.467	ug/l	99
44) Trichloroethene	7.129	130	87859	53.201	ug/l	99
45) 1,2-Dichloropropane	7.433	63	75129	50.249	ug/l	99
46) Dibromomethane	7.580	93	56273	48.346	ug/l	96
47) Bromodichloromethane	7.824	83	105458	45.969	ug/l	95
48) Methyl methacrylate	7.696	41	86058	51.341	ug/l	99
49) 1,4-Dioxane	7.659	88	36755	1004.410	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	592288	254.188	ug/l	100
52) Toluene	8.720	92	200934	53.162	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	107994	49.386	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	122304	51.117	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	80651	49.758	ug/l	98
56) Ethyl methacrylate	9.116	69	123569	53.084	ug/l	99
57) 1,3-Dichloropropane	9.311	76	133006	50.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	291023	255.585	ug/l	100
59) 2-Hexanone	9.433	43	474708	268.883	ug/l	100
60) Dibromochloromethane	9.525	129	86054	46.777	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87188	49.610	ug/l	100
64) Tetrachloroethene	9.275	164	86969	54.401	ug/l	98
65) Chlorobenzene	10.079	112	220659	52.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	79478	48.719	ug/l	98
67) Ethyl Benzene	10.195	91	387319	54.826	ug/l	100
68) m/p-Xylenes	10.305	106	307569	111.886	ug/l	99
69) o-Xylene	10.646	106	151822	56.142	ug/l	98
70) Styrene	10.658	104	251340	55.853	ug/l	99
71) Bromoform	10.805	173	62304	46.362	ug/l #	100
73) Isopropylbenzene	10.963	105	394274	52.058	ug/l	99
74) N-amyl acetate	10.847	43	155634	51.090	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	123834	46.913	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	111509m	46.637	ug/l	
77) Bromobenzene	11.201	156	98689	50.800	ug/l	97
78) n-propylbenzene	11.305	91	460524	53.757	ug/l	100
79) 2-Chlorotoluene	11.366	91	270700	49.691	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	332115	52.872	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	31738	41.153	ug/l	91
82) 4-Chlorotoluene	11.457	91	310447	50.890	ug/l	100
83) tert-Butylbenzene	11.719	119	324897	52.769	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	332743	53.027	ug/l	98
85) sec-Butylbenzene	11.890	105	426234	57.595	ug/l	100
86) p-Isopropyltoluene	12.012	119	360496	58.003	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	189458	52.341	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	191158	51.726	ug/l	99
89) n-Butylbenzene	12.335	91	307044	59.225	ug/l	99
90) Hexachloroethane	12.542	117	54444	44.573	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	182882	52.906	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25507	43.001	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	112528	53.752	ug/l	99
94) Hexachlorobutadiene	13.725	225	47167	64.146	ug/l	98
95) Naphthalene	13.780	128	368259	51.581	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	112032	54.072	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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