

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025810.D
 Acq On : 15 Dec 2021 13:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

12/16/2021
 Supervised By :Mahesh
 Dadoda

Quant Time: Dec 16 07:28:25 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	126120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100227	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	79202	43.646	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.300%
35) Dibromofluoromethane	5.391	113	67073	47.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.220%
50) Toluene-d8	8.653	98	251814	48.548	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.085	95	95380	48.408	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.820%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	61117	54.185	ug/l	95
3) Chloromethane	1.294	50	67926	46.248	ug/l	97
4) Vinyl Chloride	1.374	62	72467	46.386	ug/l	98
5) Bromomethane	1.599	94	49677	44.533	ug/l	99
6) Chloroethane	1.684	64	50380	44.524	ug/l	99
7) Trichlorofluoromethane	1.886	101	121955	47.260	ug/l	96
8) Diethyl Ether	2.136	74	44860	44.069	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	65722	48.942	ug/l	99
10) Methyl Iodide	2.453	142	78370	45.803	ug/l	99
11) Tert butyl alcohol	2.971	59	62251	171.015	ug/l	99
12) 1,1-Dichloroethene	2.319	96	61749	46.249	ug/l	100
13) Acrolein	2.239	56	55751	224.070	ug/l	99
14) Allyl chloride	2.666	41	103839	42.613	ug/l	98
15) Acrylonitrile	3.068	53	182276	214.500	ug/l	100
16) Acetone	2.379	43	233475	301.690	ug/l	99
17) Carbon Disulfide	2.514	76	159137	41.610	ug/l	98
18) Methyl Acetate	2.703	43	117531	42.495	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	212841	45.133	ug/l	99
20) Methylene Chloride	2.788	84	72460	46.516	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	69146	46.405	ug/l	97
22) Diisopropyl ether	3.763	45	219403	46.418	ug/l	94
23) Vinyl Acetate	3.727	43	849392	232.219	ug/l	100
24) 1,1-Dichloroethane	3.611	63	121547	45.036	ug/l	99
25) 2-Butanone	4.556	43	301019	246.638	ug/l	100
26) 2,2-Dichloropropane	4.477	77	90516	44.218	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	80744	45.701	ug/l	99
28) Bromochloromethane	4.897	49	53772	44.212	ug/l	99
29) Tetrahydrofuran	5.007	42	167479	215.828	ug/l	100
30) Chloroform	5.092	83	133690	45.165	ug/l	98
31) Cyclohexane	5.470	56	114091	51.700	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	116373	45.172	ug/l	99
36) 1,1-Dichloropropene	5.690	75	97127	50.310	ug/l	98
37) Ethyl Acetate	4.714	43	99704	46.484	ug/l	99
38) Carbon Tetrachloride	5.678	117	104029	46.312	ug/l	97
39) Methylcyclohexane	7.385	83	122078	56.514	ug/l	97
40) Benzene	6.037	78	283978	49.311	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52772	44.457	ug/l	97
42) 1,2-Dichloroethane	6.092	62	102817	46.975	ug/l	100
43) Isopropyl Acetate	6.342	43	155992	45.141	ug/l	100
44) Trichloroethene	7.129	130	82432	51.414	ug/l	98
45) 1,2-Dichloropropane	7.433	63	71003	48.916	ug/l	99
46) Dibromomethane	7.586	93	52398	46.369	ug/l	97
47) Bromodichloromethane	7.824	83	100018	44.908	ug/l	97
48) Methyl methacrylate	7.696	41	78777	48.409	ug/l	98
49) 1,4-Dioxane	7.659	88	32353	910.679	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	527302	233.098	ug/l	99
52) Toluene	8.720	92	189721	51.704	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	99172	46.715	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	112820	48.570	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	74991	47.656	ug/l	96
56) Ethyl methacrylate	9.116	69	110915	49.080	ug/l	99
57) 1,3-Dichloropropane	9.311	76	123571	47.875	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	256602	233.562	ug/l	99
59) 2-Hexanone	9.433	43	437051	254.991	ug/l	100
60) Dibromochloromethane	9.525	129	79910	44.743	ug/l	98
61) 1,2-Dibromoethane	9.610	107	81394	47.704	ug/l	99
64) Tetrachloroethene	9.275	164	82730	53.019	ug/l	95
65) Chlorobenzene	10.079	112	206514	50.645	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	75343	47.317	ug/l	99
67) Ethyl Benzene	10.195	91	366954	53.217	ug/l	99
68) m/p-Xylenes	10.305	106	289294	107.819	ug/l	99
69) o-Xylene	10.646	106	141959	53.782	ug/l	98
70) Styrene	10.658	104	236781	53.908	ug/l	99
71) Bromoform	10.799	173	57326	43.703	ug/l #	100
73) Isopropylbenzene	10.963	105	375010	51.555	ug/l	100
74) N-amyl acetate	10.847	43	139363	47.633	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	116359	45.897	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	102574m	44.668	ug/l	
77) Bromobenzene	11.201	156	93654	50.194	ug/l	95
78) n-propylbenzene	11.305	91	432406	52.554	ug/l	100
79) 2-Chlorotoluene	11.366	91	253117	48.377	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	316770	52.507	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29307	39.567	ug/l	90
82) 4-Chlorotoluene	11.457	91	294051	50.189	ug/l	100
83) tert-Butylbenzene	11.719	119	305523	51.666	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	315213	52.303	ug/l	99
85) sec-Butylbenzene	11.890	105	392941	55.284	ug/l	99
86) p-Isopropyltoluene	12.012	119	334267	55.999	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	177201	50.971	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	175387	49.413	ug/l	99
89) n-Butylbenzene	12.335	91	279323	56.097	ug/l	100
90) Hexachloroethane	12.542	117	50342	42.912	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	170397	51.325	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24141	42.374	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	101947	50.895	ug/l	99
94) Hexachlorobutadiene	13.725	225	42602	60.325	ug/l	99
95) Naphthalene	13.780	128	330534	48.362	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	101927	51.379	ug/l	99

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

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1,2,3-Trimethylbenzene, T

