

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\
 Data File : VX023927.D
 Acq On : 25 Aug 2021 09:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 8/27/2021 12:11:21 PM

Quant Time: Aug 25 09:35:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	210254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	330978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147179	50.155	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.320%			
35) Dibromofluoromethane	5.391	113	110946	50.645	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	8.653	98	414756	49.744	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.480%			
62) 4-Bromofluorobenzene	11.085	95	167232	54.484	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	107813	48.601	ug/l	99
3) Chloromethane	1.294	50	112696	46.278	ug/l	98
4) Vinyl Chloride	1.374	62	109949	46.294	ug/l	98
5) Bromomethane	1.599	94	72277	48.403	ug/l	98
6) Chloroethane	1.678	64	70247	39.888	ug/l	98
7) Trichlorofluoromethane	1.886	101	181917	48.504	ug/l	98
8) Diethyl Ether	2.136	74	61848	47.220	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	108081	51.212	ug/l	98
10) Methyl Iodide	2.453	142	144705	49.243	ug/l	94
11) Tert butyl alcohol	2.977	59	131156	221.008	ug/l	97
12) 1,1-Dichloroethene	2.319	96	100275	49.695	ug/l	95
13) Acrolein	2.239	56	77423	219.236	ug/l	96
14) Allyl chloride	2.666	41	185618	49.916	ug/l	89
15) Acrylonitrile	3.068	53	305912	231.356	ug/l	96
16) Acetone	2.386	43	350268	266.955	ug/l	90
17) Carbon Disulfide	2.514	76	261086	54.251	ug/l	100
18) Methyl Acetate	2.709	43	151887	46.371	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	355884	50.676	ug/l	99
20) Methylene Chloride	2.788	84	115523	46.094	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	107460	49.859	ug/l	95
22) Diisopropyl ether	3.770	45	368050	49.694	ug/l	95
23) Vinyl Acetate	3.727	43	1524909	254.520	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	205434	49.840	ug/l	98
25) 2-Butanone	4.562	43	488517	245.814	ug/l	90
26) 2,2-Dichloropropane	4.477	77	180020	53.213	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	125549	48.955	ug/l	94
28) Bromochloromethane	4.903	49	102131	54.494	ug/l	93
29) Tetrahydrofuran	5.013	42	293124	227.710	ug/l	88
30) Chloroform	5.099	83	213418	48.900	ug/l	98
31) Cyclohexane	5.470	56	185797	49.282	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	191776	51.316	ug/l	97
36) 1,1-Dichloropropene	5.690	75	159102	51.907	ug/l	99
37) Ethyl Acetate	4.721	43	179941	47.759	ug/l #	93
38) Carbon Tetrachloride	5.678	117	171423	53.633	ug/l	99
39) Methylcyclohexane	7.385	83	199478	53.450	ug/l	97
40) Benzene	6.044	78	454568	50.154	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	98933	48.437	ug/l	91
42) 1,2-Dichloroethane	6.092	62	184543	51.807	ug/l	95
43) Isopropyl Acetate	6.348	43	290024	49.212	ug/l	92
44) Trichloroethene	7.129	130	124555	49.749	ug/l	95
45) 1,2-Dichloropropane	7.434	63	119093	49.484	ug/l	99
46) Dibromomethane	7.586	93	84809	50.637	ug/l	97
47) Bromodichloromethane	7.824	83	161594	53.334	ug/l	99
48) Methyl methacrylate	7.696	41	144112	50.127	ug/l	85
49) 1,4-Dioxane	7.659	88	55068	906.310	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	946706	248.507	ug/l	89
52) Toluene	8.720	92	296840	50.543	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	188897	48.341	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	194036	52.852	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	119839	49.563	ug/l	100
56) Ethyl methacrylate	9.116	69	192687	46.690	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	201918	50.350	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	466831	239.772	ug/l	96
59) 2-Hexanone	9.433	43	779839	266.309	ug/l	86
60) Dibromochloromethane	9.525	129	128714	48.261	ug/l	100
61) 1,2-Dibromoethane	9.610	107	129790	50.812	ug/l	100
64) Tetrachloroethene	9.275	164	126781	50.629	ug/l	92
65) Chlorobenzene	10.079	112	324315	49.572	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	122364	52.550	ug/l	99
67) Ethyl Benzene	10.195	91	589733	51.619	ug/l	98
68) m/p-Xylenes	10.305	106	462386	106.257	ug/l	98
69) o-Xylene	10.646	106	223852	52.347	ug/l	98
70) Styrene	10.659	104	378625	54.348	ug/l	97
71) Bromoform	10.805	173	95146	50.275	ug/l	98
73) Isopropylbenzene	10.963	105	602119	48.082	ug/l	100
74) N-amyl acetate	10.848	43	276850	48.920	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	186163	45.361	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	180098m	47.025	ug/l	
77) Bromobenzene	11.201	156	147245	47.739	ug/l	98
78) n-propylbenzene	11.305	91	712315	49.732	ug/l	99
79) 2-Chlorotoluene	11.366	91	427432	49.374	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	520093	50.538	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	66011	50.700	ug/l	90
82) 4-Chlorotoluene	11.457	91	498691	50.750	ug/l	100
83) tert-Butylbenzene	11.719	119	496631	49.688	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	516560	50.342	ug/l	100
85) sec-Butylbenzene	11.890	105	656690	51.896	ug/l	100
86) p-Isopropyltoluene	12.012	119	548154	52.633	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	273201	48.958	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	278580	50.054	ug/l	99
89) n-Butylbenzene	12.335	91	489754	52.668	ug/l	98
90) Hexachloroethane	12.542	117	90972	50.108	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	263186	48.683	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41915	43.837	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	160260	49.255	ug/l	98
94) Hexachlorobutadiene	13.731	225	76619	52.834	ug/l	98
95) Naphthalene	13.780	128	534882	44.681	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	164765	50.847	ug/l	99

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

