

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082421\
 Data File : VX023925.D
 Acq On : 24 Aug 2021 14:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 6:53:59 PM

Quant Time: Aug 25 03:55:33 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	217435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	337994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152286	50.181	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.360%			
35) Dibromofluoromethane	5.391	113	116758	52.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	8.653	98	440685	51.757	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.520%			
62) 4-Bromofluorobenzene	11.085	95	181018	57.752	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	104842	45.701	ug/l	98
3) Chloromethane	1.295	50	112601	44.712	ug/l	97
4) Vinyl Chloride	1.374	62	110140	44.843	ug/l	98
5) Bromomethane	1.599	94	74165	48.027	ug/l	97
6) Chloroethane	1.679	64	71936	39.472	ug/l	100
7) Trichlorofluoromethane	1.886	101	186980	48.207	ug/l	98
8) Diethyl Ether	2.136	74	64721	47.782	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	105550	48.361	ug/l	96
10) Methyl Iodide	2.453	142	143464	47.208	ug/l	93
11) Tert butyl alcohol	2.977	59	131424	214.146	ug/l	99
12) 1,1-Dichloroethene	2.319	96	99472	47.669	ug/l	93
13) Acrolein	2.239	56	84139	230.384	ug/l	98
14) Allyl chloride	2.666	41	184816	48.059	ug/l	90
15) Acrylonitrile	3.069	53	309841	226.589	ug/l	97
16) Acetone	2.386	43	332882	245.326	ug/l	90
17) Carbon Disulfide	2.514	76	254937	51.224	ug/l	100
18) Methyl Acetate	2.709	43	176990	52.250	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	362913	49.970	ug/l	100
20) Methylene Chloride	2.794	84	118098	45.565	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	110883	49.748	ug/l	94
22) Diisopropyl ether	3.770	45	380519	49.681	ug/l	95
23) Vinyl Acetate	3.727	43	1667929	269.197	ug/l	94
24) 1,1-Dichloroethane	3.611	63	205611	48.235	ug/l	97
25) 2-Butanone	4.562	43	482286	234.664	ug/l	92
26) 2,2-Dichloropropane	4.483	77	183627	52.487	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	126882	47.841	ug/l	94
28) Bromochloromethane	4.904	49	99903	51.545	ug/l	92
29) Tetrahydrofuran	5.007	42	294934	221.550	ug/l	89
30) Chloroform	5.099	83	216811	48.036	ug/l	100
31) Cyclohexane	5.471	56	189089	48.499	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	194895	50.428	ug/l	98
36) 1,1-Dichloropropene	5.696	75	163897	52.362	ug/l	99
37) Ethyl Acetate	4.721	43	181536	47.182	ug/l #	93
38) Carbon Tetrachloride	5.678	117	171646	52.588	ug/l	99
39) Methylcyclohexane	7.385	83	206213	54.108	ug/l	98
40) Benzene	6.044	78	465084	50.249	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	97097	46.552	ug/l	91
42) 1,2-Dichloroethane	6.092	62	191649	52.685	ug/l	94
43) Isopropyl Acetate	6.348	43	299830	49.820	ug/l	92
44) Trichloroethene	7.129	130	129886	50.801	ug/l	99
45) 1,2-Dichloropropane	7.434	63	124110	50.498	ug/l	95
46) Dibromomethane	7.586	93	86327	50.474	ug/l	98
47) Bromodichloromethane	7.824	83	169013	54.624	ug/l	99
48) Methyl methacrylate	7.696	41	180462	61.468	ug/l	86
49) 1,4-Dioxane	7.659	88	56935	917.586	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	962112	247.309	ug/l	90
52) Toluene	8.720	92	311474	51.934	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	194505	48.725	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	202276	53.952	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	127424	51.607	ug/l	99
56) Ethyl methacrylate	9.116	69	159511	37.993	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	211665	51.685	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	472423	237.607	ug/l	96
59) 2-Hexanone	9.433	43	784947	262.489	ug/l	87
60) Dibromochloromethane	9.525	129	137660	50.464	ug/l	99
61) 1,2-Dibromoethane	9.610	107	137250	52.617	ug/l	99
64) Tetrachloroethene	9.275	164	128065	49.559	ug/l	95
65) Chlorobenzene	10.080	112	348422	51.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	129051	53.707	ug/l	99
67) Ethyl Benzene	10.195	91	632804	53.676	ug/l	100
68) m/p-Xylenes	10.305	106	479671	106.819	ug/l	100
69) o-Xylene	10.647	106	229094	51.916	ug/l	98
70) Styrene	10.659	104	354950	49.374	ug/l	96
71) Bromoform	10.805	173	100210	51.273	ug/l	100
73) Isopropylbenzene	10.964	105	634186	49.534	ug/l	99
74) N-amyl acetate	10.848	43	286593	49.533	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	200188	47.711	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	197064m	50.329	ug/l	
77) Bromobenzene	11.201	156	159280	50.511	ug/l	97
78) n-propylbenzene	11.305	91	730883	49.912	ug/l	99
79) 2-Chlorotoluene	11.366	91	440981	49.824	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	550141	52.288	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	68260	51.280	ug/l	90
82) 4-Chlorotoluene	11.457	91	521240	51.884	ug/l	99
83) tert-Butylbenzene	11.719	119	521309	51.016	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	546321	52.077	ug/l	99
85) sec-Butylbenzene	11.896	105	642026	49.627	ug/l	100
86) p-Isopropyltoluene	12.012	119	583196	54.773	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	286433	50.206	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	285899	50.245	ug/l	98
89) n-Butylbenzene	12.335	91	528348	55.575	ug/l	98
90) Hexachloroethane	12.543	117	95633	51.481	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	272585	49.318	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42883	43.866	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	172956	51.994	ug/l	99
94) Hexachlorobutadiene	13.725	225	81429	54.922	ug/l	99
95) Naphthalene	13.780	128	567531	46.322	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	174790	52.760	ug/l	99

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

