

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022808.D
 Acq On : 21 Jun 2021 20:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 9:09:39 AM

Quant Time: Jun 22 01:17:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	61862	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	123851	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	114795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53496	48.083	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.160%		
35) Dibromofluoromethane	5.397	113	38947	49.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.580%		
50) Toluene-d8	8.653	98	149298	47.929	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.860%		
62) 4-Bromofluorobenzene	11.085	95	56833	48.241	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	31745	43.729	ug/l	98
3) Chloromethane	1.295	50	37524	42.777	ug/l	99
4) Vinyl Chloride	1.374	62	37097	43.040	ug/l	97
5) Bromomethane	1.599	94	26065	55.591	ug/l	96
6) Chloroethane	1.679	64	23817	45.636	ug/l	95
7) Trichlorofluoromethane	1.880	101	58985	47.523	ug/l	98
8) Diethyl Ether	2.136	74	23603	47.071	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	37246	49.187	ug/l	90
10) Methyl Iodide	2.453	142	36511	43.004	ug/l	96
11) Tert butyl alcohol	2.983	59	62043	240.847	ug/l	99
12) 1,1-Dichloroethene	2.319	96	36283	48.310	ug/l	94
13) Acrolein	2.239	56	22171	205.378	ug/l	99
14) Allyl chloride	2.666	41	71262	49.079	ug/l	94
15) Acrylonitrile	3.075	53	132349	261.593	ug/l	99
16) Acetone	2.392	43	125725	252.368	ug/l	94
17) Carbon Disulfide	2.514	76	66850	39.555	ug/l	99
18) Methyl Acetate	2.715	43	77202	51.482	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	133822	51.351	ug/l	99
20) Methylene Chloride	2.794	84	47365	49.234	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	39345	47.277	ug/l	95
22) Diisopropyl ether	3.770	45	149181	51.915	ug/l #	92
23) Vinyl Acetate	3.733	43	684951	258.650	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	84184	50.485	ug/l	98
25) 2-Butanone	4.568	43	210998	261.150	ug/l #	88
26) 2,2-Dichloropropane	4.483	77	56647	44.544	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	50789	50.088	ug/l	98
28) Bromochloromethane	4.910	49	41914	51.983	ug/l #	78
29) Tetrahydrofuran	5.019	42	122946	261.346	ug/l	87
30) Chloroform	5.105	83	86914	52.291	ug/l	99
31) Cyclohexane	5.477	56	60564	45.124	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	69854	49.519	ug/l	97
36) 1,1-Dichloropropene	5.696	75	59193	47.968	ug/l	97
37) Ethyl Acetate	4.721	43	79219	50.508	ug/l #	93
38) Carbon Tetrachloride	5.684	117	54630	51.753	ug/l	97
39) Methylcyclohexane	7.385	83	58706	45.603	ug/l	93
40) Benzene	6.044	78	185606	50.555	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	44843	53.352	ug/l	90
42) 1,2-Dichloroethane	6.092	62	70300	52.058	ug/l	97
43) Isopropyl Acetate	6.355	43	129661	52.347	ug/l #	92
44) Trichloroethene	7.135	130	45386	52.661	ug/l	90
45) 1,2-Dichloropropane	7.434	63	50868	51.352	ug/l	93
46) Dibromomethane	7.586	93	32786	49.170	ug/l #	85
47) Bromodichloromethane	7.830	83	63434	48.983	ug/l	99
48) Methyl methacrylate	7.702	41	62833	52.841	ug/l	86
49) 1,4-Dioxane	7.665	88	24285	1073.044	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	434421	276.297	ug/l	89
52) Toluene	8.726	92	114217	49.986	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	68754	44.973	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	75950	46.227	ug/l #	92
55) 1,1,2-Trichloroethane	9.159	97	50135	53.623	ug/l	99
56) Ethyl methacrylate	9.122	69	81635	48.352	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	87182	53.616	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	218088	258.748	ug/l	94
59) 2-Hexanone	9.433	43	334122	278.136	ug/l	88
60) Dibromochloromethane	9.525	129	43452	47.487	ug/l	99
61) 1,2-Dibromoethane	9.616	107	49808	53.376	ug/l	99
64) Tetrachloroethene	9.275	164	38861	53.531	ug/l #	88
65) Chlorobenzene	10.086	112	120395	50.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43151	49.833	ug/l	99
67) Ethyl Benzene	10.195	91	228888	51.967	ug/l	97
68) m/p-Xylenes	10.305	106	160208	100.422	ug/l	92
69) o-Xylene	10.647	106	81617	52.801	ug/l	95
70) Styrene	10.659	104	137030	48.059	ug/l	95
71) Bromoform	10.805	173	25219	44.934	ug/l #	100
73) Isopropylbenzene	10.964	105	219289	53.066	ug/l	99
74) N-amyl acetate	10.848	43	118624	53.377	ug/l	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	79862	54.334	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	72424m	54.276	ug/l	
77) Bromobenzene	11.201	156	45301	51.316	ug/l	82
78) n-propylbenzene	11.305	91	259722	52.035	ug/l	97
79) 2-Chlorotoluene	11.366	91	156165	51.705	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	182757	53.092	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.025	75	22376	44.197	ug/l #	83
82) 4-Chlorotoluene	11.457	91	177609	51.387	ug/l	94
83) tert-Butylbenzene	11.719	119	166826	51.601	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	184366	52.804	ug/l	98
85) sec-Butylbenzene	11.896	105	219411	51.960	ug/l	96
86) p-Isopropyltoluene	12.012	119	182626	52.388	ug/l	95
87) 1,3-Dichlorobenzene	11.976	146	86477	51.611	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	84978	49.267	ug/l	96
89) n-Butylbenzene	12.335	91	171101	51.266	ug/l	96
90) Hexachloroethane	12.543	117	27323	47.367	ug/l	70
91) 1,2-Dichlorobenzene	12.341	146	84256	51.606	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16580	47.995	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	49196	50.226	ug/l	94
94) Hexachlorobutadiene	13.731	225	17868	50.869	ug/l	99
95) Naphthalene	13.780	128	209426	48.992	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	51047	53.458	ug/l	96

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

