

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017035.D
 Acq On : 30 Jun 2020 11:29
 Operator : JC/SP
 Sample : VX0630WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:17 AM

Quant Time: Jul 01 08:14:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	275934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	422381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	388557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	160335	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	5.46	113	130124	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.70	98	481678	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.12	95	183640	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	51156	19.163	ug/l	95
3) Chloromethane	1.32	50	56889	17.606	ug/l	99
4) Vinyl Chloride	1.39	62	52711	17.582	ug/l	100
5) Bromomethane	1.63	94	37160	23.460	ug/l	98
6) Chloroethane	1.72	64	33092	18.689	ug/l	99
7) Trichlorofluoromethane	1.92	101	83250	18.776	ug/l	100
8) Diethyl Ether	2.17	74	29433	19.950	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46478	17.489	ug/l	97
10) Methyl Iodide	2.49	142	64145	18.706	ug/l	98
11) Tert butyl alcohol	3.01	59	57902	89.225	ug/l	97
12) 1,1-Dichloroethene	2.36	96	44904	16.448	ug/l	97
13) Acrolein	2.27	56	32972	84.995	ug/l	98
14) Allyl chloride	2.71	41	88071	17.456	ug/l	99
15) Acrylonitrile	3.11	53	141603	90.769	ug/l	99
16) Acetone	2.42	43	112666	88.536	ug/l	99
17) Carbon Disulfide	2.55	76	146453	19.238	ug/l	99
18) Methyl Acetate	2.75	43	60116	18.096	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	170235	18.580	ug/l	98
20) Methylene Chloride	2.83	84	58687	19.633	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	55914	18.456	ug/l	98
22) Diisopropyl ether	3.82	45	179378	19.210	ug/l	94
23) Vinyl Acetate	3.78	43	766758	95.557	ug/l	100
24) 1,1-Dichloroethane	3.67	63	97558	18.362	ug/l	99
25) 2-Butanone	4.63	43	191249	90.195	ug/l	98
26) 2,2-Dichloropropane	4.55	77	85102	18.039	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	60782	17.707	ug/l	99
28) Bromochloromethane	4.98	49	42587	16.471	ug/l	96
29) Tetrahydrofuran	5.09	42	126225	90.097	ug/l	99
30) Chloroform	5.17	83	101366	18.611	ug/l	97
31) Cyclohexane	5.54	56	86169	18.763	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	92190	18.379	ug/l	100
36) 1,1-Dichloropropene	5.77	75	73682	18.457	ug/l	99
37) Ethyl Acetate	4.79	43	75642	18.675	ug/l	100
38) Carbon Tetrachloride	5.75	117	85724	19.496	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	83152	18.721	ug/l	97
40) Benzene	6.11	78	221259	18.864	ug/l	99
41) Methacrylonitrile	5.00	41	42702	18.732	ug/l	99
42) 1,2-Dichloroethane	6.16	62	81257	19.179	ug/l	99
43) Isopropyl Acetate	6.41	43	123948	18.416	ug/l	100
44) Trichloroethene	7.18	130	64267	19.668	ug/l	99
45) 1,2-Dichloropropane	7.49	63	58504	19.420	ug/l	97
46) Dibromomethane	7.63	93	39458	19.185	ug/l	97
47) Bromodichloromethane	7.87	83	80878	19.082	ug/l	96
48) Methyl methacrylate	7.74	41	58894	18.418	ug/l	95
49) 1,4-Dioxane	7.71	88	27051	373.420	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	381148	95.001	ug/l	100
52) Toluene	8.76	92	140086	19.129	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	86136	18.419	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	95269	19.004	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	58351	19.502	ug/l	99
56) Ethyl methacrylate	9.16	69	79540	18.678	ug/l	100
57) 1,3-Dichloropropane	9.35	76	95965	18.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	213941	100.942	ug/l	100
59) 2-Hexanone	9.47	43	280194	95.625	ug/l	100
60) Dibromochloromethane	9.56	129	67361	19.384	ug/l	98
61) 1,2-Dibromoethane	9.65	107	62266	19.361	ug/l	99
64) Tetrachloroethene	9.32	164	62835	20.037	ug/l	97
65) Chlorobenzene	10.12	112	155206	19.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	60466	19.564	ug/l	99
67) Ethyl Benzene	10.23	91	258962	19.336	ug/l	100
68) m/p-Xylenes	10.34	106	203888	39.648	ug/l	98
69) o-Xylene	10.68	106	94099	19.235	ug/l	98
70) Styrene	10.70	104	165273	19.840	ug/l	100
71) Bromoform	10.84	173	48963	19.978	ug/l #	98
73) Isopropylbenzene	11.00	105	256279	18.923	ug/l	98
74) N-amyl acetate	10.88	43	106333	18.401	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	79941	18.765	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	79485m	19.550	ug/l	
77) Bromobenzene	11.24	156	68575	18.424	ug/l	99
78) n-propylbenzene	11.34	91	291028	19.003	ug/l	99
79) 2-Chlorotoluene	11.40	91	175537	18.939	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	218512	19.452	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	28179	17.948	ug/l	94
82) 4-Chlorotoluene	11.49	91	213097	19.232	ug/l	100
83) tert-Butylbenzene	11.76	119	209866	19.031	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	222906	19.559	ug/l	98
85) sec-Butylbenzene	11.93	105	250244	19.305	ug/l	99
86) p-Isopropyltoluene	12.05	119	230219	19.078	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	122662	18.145	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	125253	19.531	ug/l	98
89) n-Butylbenzene	12.37	91	195232	18.120	ug/l	100
90) Hexachloroethane	12.58	117	43629	18.334	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	117439	18.585	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18244	17.952	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75823	17.580	ug/l	98
94) Hexachlorobutadiene	13.77	225	32109	20.129	ug/l	96
95) Naphthalene	13.82	128	241948	18.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76857	18.414	ug/l	99

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

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