

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017034.D
 Acq On : 30 Jun 2020 11:00
 Operator : JC/SP
 Sample : VX0630WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:13 AM

Quant Time: Jul 01 08:12:46 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	292600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	164006	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
35) Dibromofluoromethane	5.46	113	136257	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	8.70	98	507943	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.12	95	194094	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	54991	19.426	ug/l	98
3) Chloromethane	1.32	50	60120	17.546	ug/l	99
4) Vinyl Chloride	1.39	62	58873	18.519	ug/l	97
5) Bromomethane	1.63	94	38004	22.627	ug/l	99
6) Chloroethane	1.72	64	34436	18.341	ug/l	98
7) Trichlorofluoromethane	1.92	101	89994	19.141	ug/l	99
8) Diethyl Ether	2.17	74	31502	20.133	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49912	17.712	ug/l	99
10) Methyl Iodide	2.49	142	66838	18.381	ug/l	98
11) Tert butyl alcohol	3.00	59	57379	83.383	ug/l	97
12) 1,1-Dichloroethene	2.36	96	47724	16.486	ug/l	97
13) Acrolein	2.27	56	32228	78.345	ug/l	93
14) Allyl chloride	2.71	41	92017	17.200	ug/l	98
15) Acrylonitrile	3.12	53	142822	86.336	ug/l	99
16) Acetone	2.42	43	113878	84.391	ug/l	98
17) Carbon Disulfide	2.55	76	154720	19.167	ug/l	99
18) Methyl Acetate	2.75	43	61047	17.330	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	174228	17.933	ug/l	100
20) Methylene Chloride	2.84	84	61520	19.399	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	58556	18.227	ug/l	94
22) Diisopropyl ether	3.82	45	187482	18.934	ug/l	93
23) Vinyl Acetate	3.78	43	786155	92.394	ug/l	98
24) 1,1-Dichloroethane	3.67	63	104553	18.557	ug/l	98
25) 2-Butanone	4.63	43	192495	85.612	ug/l	98
26) 2,2-Dichloropropane	4.55	77	92438	18.478	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	64708	17.777	ug/l	100
28) Bromochloromethane	4.98	49	45295	16.521	ug/l	99
29) Tetrahydrofuran	5.09	42	128791	86.692	ug/l	99
30) Chloroform	5.17	83	106808	18.493	ug/l	99
31) Cyclohexane	5.54	56	89671	18.413	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	95834	18.017	ug/l	99
36) 1,1-Dichloropropene	5.77	75	79535	18.902	ug/l	99
37) Ethyl Acetate	4.79	43	77462	18.145	ug/l	99
38) Carbon Tetrachloride	5.75	117	88187	19.029	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	89551	19.129	ug/l	98
40) Benzene	6.11	78	233975	18.926	ug/l	96
41) Methacrylonitrile	5.00	41	42462	17.672	ug/l	98
42) 1,2-Dichloroethane	6.16	62	84034	18.818	ug/l	99
43) Isopropyl Acetate	6.40	43	126019	17.764	ug/l	99
44) Trichloroethene	7.18	130	69841	20.288	ug/l	99
45) 1,2-Dichloropropane	7.49	63	58908	18.552	ug/l	99
46) Dibromomethane	7.63	93	41042	18.932	ug/l	99
47) Bromodichloromethane	7.87	83	85052	19.038	ug/l	99
48) Methyl methacrylate	7.74	41	61013	18.103	ug/l	97
49) 1,4-Dioxane	7.71	88	26980	353.353	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	383196	90.617	ug/l	99
52) Toluene	8.76	92	149761	19.403	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	90467	18.353	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	99809	18.889	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	59835	18.974	ug/l	98
56) Ethyl methacrylate	9.16	69	80671	17.972	ug/l	99
57) 1,3-Dichloropropane	9.35	76	99230	18.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	216660	96.985	ug/l	100
59) 2-Hexanone	9.47	43	285743	92.521	ug/l	99
60) Dibromochloromethane	9.56	129	68753	18.771	ug/l	99
61) 1,2-Dibromoethane	9.65	107	63486	18.729	ug/l	100
64) Tetrachloroethene	9.32	164	66158	19.934	ug/l	96
65) Chlorobenzene	10.12	112	160169	18.871	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	61930	18.933	ug/l	99
67) Ethyl Benzene	10.23	91	275657	19.448	ug/l	99
68) m/p-Xylenes	10.34	106	216108	39.708	ug/l	99
69) o-Xylene	10.68	106	99963	19.307	ug/l	100
70) Styrene	10.70	104	174300	19.770	ug/l	99
71) Bromoform	10.84	173	50815	19.590	ug/l #	98
73) Isopropylbenzene	11.00	105	272654	19.341	ug/l	100
74) N-amyl acetate	10.88	43	106694	17.737	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	82183	18.533	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	81261m	19.201	ug/l	
77) Bromobenzene	11.24	156	73296	18.918	ug/l	98
78) n-propylbenzene	11.34	91	305959	19.192	ug/l	100
79) 2-Chlorotoluene	11.40	91	187863	19.472	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	228053	19.503	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	28523	17.453	ug/l	93
82) 4-Chlorotoluene	11.49	91	223964	19.418	ug/l	100
83) tert-Butylbenzene	11.76	119	214805	18.713	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	230763	19.453	ug/l	100
85) sec-Butylbenzene	11.93	105	259953	19.266	ug/l	99
86) p-Isopropyltoluene	12.05	119	245255	19.525	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	131805	18.731	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	131781	19.743	ug/l	99
89) n-Butylbenzene	12.37	91	206937	18.451	ug/l	100
90) Hexachloroethane	12.58	117	47249	19.075	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	125738	19.116	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18079	17.090	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	79781	17.771	ug/l	98
94) Hexachlorobutadiene	13.77	225	33691	20.284	ug/l	95
95) Naphthalene	13.82	128	246520	18.062	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	79514	18.301	ug/l	99

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

