

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016829.D
 Acq On : 17 Jun 2020 19:59
 Operator : JC/SP
 Sample : VX0617WBS05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:16:42 AM

Quant Time: Jun 18 01:51:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	264761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	428083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	373114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	145784	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.47	113	121164	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
50) Toluene-d8	8.70	98	465786	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.12	95	172801	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	64096	21.512	ug/l	99
3) Chloromethane	1.31	50	56742	19.633	ug/l	99
4) Vinyl Chloride	1.39	62	79717	25.849	ug/l	100
5) Bromomethane	1.63	94	44718	23.348	ug/l	99
6) Chloroethane	1.71	64	45430	23.915	ug/l	98
7) Trichlorofluoromethane	1.92	101	99570	22.417	ug/l	99
8) Diethyl Ether	2.17	74	39583	21.823	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55290	24.467	ug/l	97
10) Methyl Iodide	2.49	142	48353	17.119	ug/l	98
11) Tert butyl alcohol	3.01	59	66099	88.350	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57296	22.141	ug/l	99
13) Acrolein	2.27	56	27444	87.663	ug/l	93
14) Allyl chloride	2.71	41	97456	24.080	ug/l	96
15) Acrylonitrile	3.11	53	144613	95.258	ug/l	100
16) Acetone	2.42	43	153503	113.633	ug/l	99
17) Carbon Disulfide	2.55	76	162923	21.984	ug/l	99
18) Methyl Acetate	2.75	43	90811	25.186	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	167454	18.986	ug/l	99
20) Methylene Chloride	2.84	84	61606	21.172	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	52241	18.786	ug/l	99
22) Diisopropyl ether	3.82	45	150216	19.760	ug/l	99
23) Vinyl Acetate	3.78	43	633117	96.354	ug/l	100
24) 1,1-Dichloroethane	3.67	63	89360	18.794	ug/l	98
25) 2-Butanone	4.64	43	197290	96.906	ug/l	97
26) 2,2-Dichloropropane	4.55	77	79659	18.093	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	63156	19.871	ug/l	99
28) Bromochloromethane	4.98	49	38403	18.933	ug/l	98
29) Tetrahydrofuran	5.09	42	126718	96.081	ug/l	99
30) Chloroform	5.18	83	96418	19.167	ug/l	99
31) Cyclohexane	5.56	56	75218	20.068	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	87531	19.176	ug/l	99
36) 1,1-Dichloropropene	5.77	75	69806	18.452	ug/l	100
37) Ethyl Acetate	4.79	43	73934	17.846	ug/l	99
38) Carbon Tetrachloride	5.76	117	79697	18.550	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76923	18.154	ug/l	97
40) Benzene	6.12	78	210357	18.263	ug/l	100
41) Methacrylonitrile	5.00	41	41665	18.861	ug/l	96
42) 1,2-Dichloroethane	6.17	62	74400	17.698	ug/l	100
43) Isopropyl Acetate	6.41	43	117160	18.044	ug/l	98
44) Trichloroethene	7.19	130	73052	20.504	ug/l	99
45) 1,2-Dichloropropane	7.49	63	52810	18.703	ug/l	95
46) Dibromomethane	7.63	93	36795	17.880	ug/l	99
47) Bromodichloromethane	7.88	83	76642	17.864	ug/l	100
48) Methyl methacrylate	7.74	41	55802	18.132	ug/l	98
49) 1,4-Dioxane	7.71	88	24373	320.027	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	378167	94.515	ug/l	99
52) Toluene	8.77	92	137743	18.411	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	99226	20.477	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	89576	17.721	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	61977	20.598	ug/l	98
56) Ethyl methacrylate	9.16	69	96379	21.394	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105892	20.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	207972	93.892	ug/l	100
59) 2-Hexanone	9.47	43	354213	114.680	ug/l	100
60) Dibromochloromethane	9.56	129	70197	19.740	ug/l	99
61) 1,2-Dibromoethane	9.65	107	67365	20.544	ug/l	99
64) Tetrachloroethene	9.32	164	86671	24.190	ug/l	98
65) Chlorobenzene	10.12	112	149117	19.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	59095	19.566	ug/l	98
67) Ethyl Benzene	10.24	91	252673	19.742	ug/l	99
68) m/p-Xylenes	10.34	106	193469	39.868	ug/l	100
69) o-Xylene	10.68	106	92144	19.710	ug/l	98
70) Styrene	10.69	104	162065	20.053	ug/l	99
71) Bromoform	10.84	173	50794	19.711	ug/l #	98
73) Isopropylbenzene	11.00	105	248629	20.049	ug/l	99
74) N-amyl acetate	10.88	43	95759	19.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	66342	18.186	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	76963m	19.364	ug/l	
77) Bromobenzene	11.24	156	67828	19.371	ug/l	99
78) n-propylbenzene	11.34	91	273032	20.273	ug/l	99
79) 2-Chlorotoluene	11.40	91	166941	19.603	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	209865	20.188	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28915	18.315	ug/l	96
82) 4-Chlorotoluene	11.49	91	198463	19.909	ug/l	100
83) tert-Butylbenzene	11.76	119	188078	19.772	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	209180	19.891	ug/l	100
85) sec-Butylbenzene	11.93	105	223008	20.043	ug/l	100
86) p-Isopropyltoluene	12.05	119	211714	19.831	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	117293	19.814	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	117782	19.186	ug/l	99
89) n-Butylbenzene	12.37	91	170991	19.402	ug/l	99
90) Hexachloroethane	12.58	117	36919	18.753	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	113130	19.110	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19504	19.119	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	89904	21.686	ug/l	97
94) Hexachlorobutadiene	13.76	225	37363	20.725	ug/l	96
95) Naphthalene	13.82	128	284649	21.917	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	82263	20.160	ug/l	99

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

