

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016972.D
 Acq On : 26 Jun 2020 10:56
 Operator : JC/SP
 Sample : VX0626WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:39 PM

Quant Time: Jun 27 03:31:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	215335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	356797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	323642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	162292	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	164121	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	5.46	113	119345	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	8.70	98	441738	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.12	95	162287	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	36594	17.831	ug/l	100
3) Chloromethane	1.31	50	51497	19.520	ug/l	98
4) Vinyl Chloride	1.39	62	48764	18.047	ug/l	96
5) Bromomethane	1.63	94	33667	14.658	ug/l	99
6) Chloroethane	1.72	64	31815	17.349	ug/l	98
7) Trichlorofluoromethane	1.92	101	83207	18.877	ug/l	99
8) Diethyl Ether	2.17	74	30484	17.954	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45400	19.243	ug/l	100
10) Methyl Iodide	2.49	142	54846	20.289	ug/l	97
11) Tert butyl alcohol	3.01	59	56790	92.505	ug/l	97
12) 1,1-Dichloroethene	2.36	96	43202	18.100	ug/l	97
13) Acrolein	2.27	56	44604	98.026	ug/l	99
14) Allyl chloride	2.70	41	84446	19.002	ug/l	98
15) Acrylonitrile	3.11	53	130600	91.625	ug/l	99
16) Acetone	2.42	43	115660	90.991	ug/l	99
17) Carbon Disulfide	2.55	76	136970	18.098	ug/l	100
18) Methyl Acetate	2.75	43	55721	18.019	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	160116	19.193	ug/l	98
20) Methylene Chloride	2.83	84	52030	18.006	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	47696	17.687	ug/l	98
22) Diisopropyl ether	3.82	45	164281	18.855	ug/l	93
23) Vinyl Acetate	3.78	43	729649	95.690	ug/l	100
24) 1,1-Dichloroethane	3.67	63	89280	18.268	ug/l	99
25) 2-Butanone	4.63	43	176804	91.263	ug/l	100
26) 2,2-Dichloropropane	4.55	77	79010	19.985	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	53000	17.785	ug/l	98
28) Bromochloromethane	4.97	49	40216	17.609	ug/l	100
29) Tetrahydrofuran	5.09	42	117607	92.345	ug/l	99
30) Chloroform	5.17	83	89962	18.328	ug/l	99
31) Cyclohexane	5.54	56	78849	19.313	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	81856	18.615	ug/l	100
36) 1,1-Dichloropropene	5.77	75	65766	18.615	ug/l	99
37) Ethyl Acetate	4.79	43	71170	18.745	ug/l	99
38) Carbon Tetrachloride	5.75	117	72104	19.284	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74752	19.553	ug/l	96
40) Benzene	6.11	78	192052	18.877	ug/l	100
41) Methacrylonitrile	5.01	41	39755	18.790	ug/l	98
42) 1,2-Dichloroethane	6.16	62	77097	19.287	ug/l	99
43) Isopropyl Acetate	6.41	43	119641	18.731	ug/l	100
44) Trichloroethene	7.18	130	51549	19.033	ug/l	94
45) 1,2-Dichloropropane	7.49	63	51283	18.855	ug/l	98
46) Dibromomethane	7.64	93	35464	19.193	ug/l	98
47) Bromodichloromethane	7.87	83	74613	19.306	ug/l	94
48) Methyl methacrylate	7.74	41	56959	19.097	ug/l	99
49) 1,4-Dioxane	7.71	88	24124	388.836	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	352669	96.475	ug/l	99
52) Toluene	8.76	92	119133	18.998	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	79633	19.241	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	83321	19.151	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	48663	18.886	ug/l	97
56) Ethyl methacrylate	9.16	69	71563	18.531	ug/l	98
57) 1,3-Dichloropropane	9.35	76	85162	19.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	197991	99.237	ug/l	100
59) 2-Hexanone	9.47	43	259638	94.413	ug/l	100
60) Dibromochloromethane	9.56	129	54660	18.609	ug/l	100
61) 1,2-Dibromoethane	9.65	107	51651	18.775	ug/l	99
64) Tetrachloroethene	9.32	164	45982	20.989	ug/l	94
65) Chlorobenzene	10.12	112	125271	18.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	48429	19.689	ug/l	99
67) Ethyl Benzene	10.23	91	224777	19.347	ug/l	99
68) m/p-Xylenes	10.34	106	169505	39.271	ug/l	100
69) o-Xylene	10.68	106	78937	19.169	ug/l	98
70) Styrene	10.70	104	137609	19.617	ug/l	99
71) Bromoform	10.84	173	35974	18.394	ug/l #	94
73) Isopropylbenzene	11.00	105	215074	19.247	ug/l	99
74) N-amyl acetate	10.88	43	102128	19.381	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	69736	18.545	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	69033m	20.269	ug/l	
77) Bromobenzene	11.24	156	53899	18.604	ug/l	99
78) n-propylbenzene	11.34	91	252236	19.125	ug/l	99
79) 2-Chlorotoluene	11.40	91	151789	19.139	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	181042	19.493	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	25146	18.745	ug/l	98
82) 4-Chlorotoluene	11.49	91	180186	19.304	ug/l	99
83) tert-Butylbenzene	11.76	119	173136	19.140	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	185940	19.792	ug/l	99
85) sec-Butylbenzene	11.93	105	208809	19.799	ug/l	99
86) p-Isopropyltoluene	12.05	119	191731	19.897	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	98360	18.916	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	99534	18.750	ug/l	98
89) n-Butylbenzene	12.37	91	173466	19.124	ug/l	99
90) Hexachloroethane	12.58	117	36603	18.323	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	94844	19.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15642	18.179	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	58474	18.203	ug/l	97
94) Hexachlorobutadiene	13.76	225	23351	20.233	ug/l	95
95) Naphthalene	13.82	128	200077	18.953	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	60012	19.479	ug/l	97

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

