

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016666.D
 Acq On : 10 Jun 2020 11:59
 Operator : JC/SP
 Sample : VX0610WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:46:09 PM

Quant Time: Jun 11 03:24:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	234913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	339688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	317281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160166	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133457	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
35) Dibromofluoromethane	5.46	113	108497	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
50) Toluene-d8	8.70	98	409736	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.12	95	153234	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	36678	15.866	ug/l	95
3) Chloromethane	1.31	50	42207	15.108	ug/l	98
4) Vinyl Chloride	1.39	62	45979	15.563	ug/l	97
5) Bromomethane	1.62	94	31510	21.935	ug/l	99
6) Chloroethane	1.71	64	28963	16.806	ug/l	98
7) Trichlorofluoromethane	1.92	101	73609	18.971	ug/l	99
8) Diethyl Ether	2.17	74	28017	17.317	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.36	101	39994	18.729	ug/l	98
10) Methyl Iodide	2.49	142	40212	17.854	ug/l	100
11) Tert butyl alcohol	3.01	59	59019	78.893	ug/l	99
12) 1,1-Dichloroethene	2.36	96	40197	17.783	ug/l	93
13) Acrolein	2.27	56	24616	77.353	ug/l	99
14) Allyl chloride	2.70	41	63568	15.292	ug/l	96
15) Acrylonitrile	3.11	53	122512	79.947	ug/l	99
16) Acetone	2.42	43	100103	78.319	ug/l	100
17) Carbon Disulfide	2.55	76	101866	15.176	ug/l	100
18) Methyl Acetate	2.75	43	56029	17.091	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	143215	17.644	ug/l	97
20) Methylene Chloride	2.83	84	45369	17.157	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	42752	17.099	ug/l	92
22) Diisopropyl ether	3.82	45	127353	15.948	ug/l	89
23) Vinyl Acetate	3.78	43	543373	77.737	ug/l	96
24) 1,1-Dichloroethane	3.67	63	75989	16.859	ug/l	99
25) 2-Butanone	4.63	43	163923	75.688	ug/l	95
26) 2,2-Dichloropropane	4.55	77	74002	20.065	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	49350	17.062	ug/l	97
28) Bromochloromethane	4.98	49	31126	14.861	ug/l	86
29) Tetrahydrofuran	5.09	42	105045	75.076	ug/l	93
30) Chloroform	5.17	83	82031	18.063	ug/l	96
31) Cyclohexane	5.54	56	61274	15.111	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	76980	18.723	ug/l	98
36) 1,1-Dichloropropene	5.77	75	57305	17.818	ug/l	96
37) Ethyl Acetate	4.79	43	62619	16.217	ug/l	96
38) Carbon Tetrachloride	5.75	117	68882	20.380	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	62726	17.956	ug/l	99
40) Benzene	6.11	78	174810	18.252	ug/l	99
41) Methacrylonitrile	5.00	41	32938	15.530	ug/l	94
42) 1,2-Dichloroethane	6.16	62	64564	18.956	ug/l	99
43) Isopropyl Acetate	6.41	43	98030	16.276	ug/l	97
44) Trichloroethene	7.19	130	58491	19.248	ug/l	97
45) 1,2-Dichloropropane	7.49	63	43487	17.835	ug/l	94
46) Dibromomethane	7.63	93	31561	19.271	ug/l	97
47) Bromodichloromethane	7.87	83	66032	19.473	ug/l	97
48) Methyl methacrylate	7.74	41	46378	16.082	ug/l	96
49) 1,4-Dioxane	7.71	88	23766	352.150	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	314468	83.852	ug/l	97
52) Toluene	8.76	92	114580	18.971	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	72216	18.729	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	77514	18.992	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	46448	19.342	ug/l	98
56) Ethyl methacrylate	9.16	69	67696	17.309	ug/l	98
57) 1,3-Dichloropropane	9.35	76	76824	18.638	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	169182	82.878	ug/l	94
59) 2-Hexanone	9.47	43	240131	82.338	ug/l	98
60) Dibromochloromethane	9.56	129	53643	19.850	ug/l	99
61) 1,2-Dibromoethane	9.65	107	49663	19.313	ug/l	100
64) Tetrachloroethene	9.32	164	70632	19.898	ug/l	96
65) Chlorobenzene	10.12	112	123725	19.127	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	48798	19.763	ug/l	98
67) Ethyl Benzene	10.23	91	209549	18.195	ug/l	98
68) m/p-Xylenes	10.34	106	162372	38.026	ug/l	99
69) o-Xylene	10.68	106	77354	18.706	ug/l	98
70) Styrene	10.70	104	133002	18.711	ug/l	100
71) Bromoform	10.84	173	41421	19.849	ug/l #	98
73) Isopropylbenzene	11.00	105	209651	18.892	ug/l	99
74) N-amyl acetate	10.88	43	79828	15.638	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	50388	18.117	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	65225m	18.527	ug/l	
77) Bromobenzene	11.24	156	55967	19.228	ug/l	93
78) n-propylbenzene	11.34	91	227150	18.321	ug/l	98
79) 2-Chlorotoluene	11.40	91	141302	18.671	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	176722	19.071	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	25208	17.613	ug/l	98
82) 4-Chlorotoluene	11.49	91	167060	18.693	ug/l	98
83) tert-Butylbenzene	11.76	119	147938	18.685	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	175002	18.674	ug/l	100
85) sec-Butylbenzene	11.93	105	189959	19.125	ug/l	99
86) p-Isopropyltoluene	12.05	119	178560	19.192	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	95899	19.017	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	97332	18.872	ug/l	97
89) n-Butylbenzene	12.37	91	145364	18.757	ug/l	99
90) Hexachloroethane	12.58	117	31481	19.589	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	92895	19.014	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15732	17.463	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	64908	20.004	ug/l	97
94) Hexachlorobutadiene	13.77	225	31463	24.697	ug/l	96
95) Naphthalene	13.82	128	204596	18.393	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	64431	20.269	ug/l	97

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

