

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016971.D
 Acq On : 26 Jun 2020 10:28
 Operator : JC/SP
 Sample : VX0626WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:37 PM

Quant Time: Jun 27 03:28:28 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	5.63	168	222871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	369453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	335877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	164793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168114	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	5.46	113	124223	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	8.70	98	462366	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.12	95	168603	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	38676	18.208	ug/l	100
3) Chloromethane	1.31	50	54727	20.043	ug/l	96
4) Vinyl Chloride	1.39	62	51538	18.429	ug/l	99
5) Bromomethane	1.63	94	36910	15.904	ug/l	97
6) Chloroethane	1.72	64	33409	17.602	ug/l	96
7) Trichlorofluoromethane	1.92	101	88242	19.343	ug/l	99
8) Diethyl Ether	2.17	74	30608	17.418	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46812	19.171	ug/l	98
10) Methyl Iodide	2.49	142	55393	19.866	ug/l	98
11) Tert butyl alcohol	3.01	59	55579	87.471	ug/l	100
12) 1,1-Dichloroethene	2.36	96	43677	17.680	ug/l	99
13) Acrolein	2.27	56	44631	94.769	ug/l	97
14) Allyl chloride	2.71	41	87873	19.104	ug/l	99
15) Acrylonitrile	3.11	53	129464	87.756	ug/l	99
16) Acetone	2.42	43	113565	86.321	ug/l	99
17) Carbon Disulfide	2.55	76	143399	18.307	ug/l	99
18) Methyl Acetate	2.75	43	54932	17.163	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	161361	18.688	ug/l	98
20) Methylene Chloride	2.83	84	53693	17.954	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	50110	17.954	ug/l	96
22) Diisopropyl ether	3.82	45	166106	18.420	ug/l	91
23) Vinyl Acetate	3.78	43	728193	92.270	ug/l	100
24) 1,1-Dichloroethane	3.67	63	92534	18.294	ug/l	99
25) 2-Butanone	4.63	43	173521	86.540	ug/l	98
26) 2,2-Dichloropropane	4.55	77	82559	20.177	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	54875	17.792	ug/l	99
28) Bromochloromethane	4.98	49	41585	17.593	ug/l	99
29) Tetrahydrofuran	5.09	42	114607	86.947	ug/l	99
30) Chloroform	5.17	83	92573	18.222	ug/l	100
31) Cyclohexane	5.54	56	79745	18.872	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	84729	18.616	ug/l	98
36) 1,1-Dichloropropene	5.77	75	69339	18.954	ug/l	100
37) Ethyl Acetate	4.79	43	70941	18.044	ug/l	99
38) Carbon Tetrachloride	5.75	117	75323	19.455	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	77276	19.521	ug/l	99
40) Benzene	6.11	78	198660	18.857	ug/l	99
41) Methacrylonitrile	5.00	41	39448	18.006	ug/l	96
42) 1,2-Dichloroethane	6.16	62	79654	19.244	ug/l	98
43) Isopropyl Acetate	6.41	43	117798	17.811	ug/l	99
44) Trichloroethene	7.18	130	51995	18.540	ug/l	99
45) 1,2-Dichloropropane	7.49	63	52454	18.624	ug/l	98
46) Dibromomethane	7.63	93	35139	18.366	ug/l	99
47) Bromodichloromethane	7.87	83	74169	18.534	ug/l	98
48) Methyl methacrylate	7.74	41	54944	17.790	ug/l	98
49) 1,4-Dioxane	7.71	88	23422	364.588	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	349738	92.395	ug/l	100
52) Toluene	8.76	92	122546	18.873	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	79798	18.621	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	84496	18.756	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	50008	18.743	ug/l	96
56) Ethyl methacrylate	9.16	69	73216	18.310	ug/l	99
57) 1,3-Dichloropropane	9.35	76	85621	18.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	199020	96.335	ug/l	100
59) 2-Hexanone	9.47	43	257889	90.565	ug/l	100
60) Dibromochloromethane	9.56	129	54374	17.878	ug/l	98
61) 1,2-Dibromoethane	9.65	107	50999	17.902	ug/l	99
64) Tetrachloroethene	9.32	164	47000	20.672	ug/l	98
65) Chlorobenzene	10.12	112	127727	18.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	49220	19.282	ug/l	99
67) Ethyl Benzene	10.23	91	230963	19.155	ug/l	98
68) m/p-Xylenes	10.34	106	171633	38.316	ug/l	98
69) o-Xylene	10.68	106	82329	19.265	ug/l	99
70) Styrene	10.70	104	137808	18.930	ug/l	99
71) Bromoform	10.84	173	37134	18.296	ug/l #	100
73) Isopropylbenzene	11.00	105	222165	19.580	ug/l	98
74) N-amyl acetate	10.88	43	99795	18.651	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	69277	18.143	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	68844m	19.907	ug/l	
77) Bromobenzene	11.24	156	54409	18.495	ug/l	100
78) n-propylbenzene	11.34	91	259877	19.405	ug/l	100
79) 2-Chlorotoluene	11.40	91	152771	18.970	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	186967	19.825	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	24002	17.620	ug/l	95
82) 4-Chlorotoluene	11.49	91	182593	19.265	ug/l	100
83) tert-Butylbenzene	11.76	119	177634	19.339	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	187810	19.688	ug/l	100
85) sec-Butylbenzene	11.93	105	212263	19.821	ug/l	100
86) p-Isopropyltoluene	12.05	119	196643	20.097	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	100214	18.980	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	103315	19.167	ug/l	99
89) n-Butylbenzene	12.37	91	177348	19.256	ug/l	100
90) Hexachloroethane	12.58	117	37579	18.526	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	95750	19.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15933	18.236	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	60759	18.627	ug/l	99
94) Hexachlorobutadiene	13.77	225	23019	19.643	ug/l	95
95) Naphthalene	13.82	128	194777	18.171	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	60329	19.285	ug/l	96

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

