

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016141.D
 Acq On : 11 May 2020 12:17
 Operator : JC/SP
 Sample : VX0511WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

Manual Integrations
 APPROVED

apatel
 5/12/2020 2:07:09 PM

Quant Time: May 11 18:42:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	298112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	464694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176242	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
35) Dibromofluoromethane	5.46	113	138431	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	8.70	98	539152	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	11.12	95	205056	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	59859	18.970	ug/l	100
3) Chloromethane	1.31	50	62561	17.072	ug/l	99
4) Vinyl Chloride	1.39	62	67508	17.267	ug/l	98
5) Bromomethane	1.62	94	39730	20.157	ug/l	96
6) Chloroethane	1.71	64	42292	17.778	ug/l	97
7) Trichlorofluoromethane	1.92	101	89607	17.458	ug/l	99
8) Diethyl Ether	2.17	74	38322	17.720	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54555	18.423	ug/l	98
10) Methyl Iodide	2.49	142	53700	13.500	ug/l	100
11) Tert butyl alcohol	3.01	59	90638	91.370	ug/l	99
12) 1,1-Dichloroethene	2.36	96	54129	17.467	ug/l	95
13) Acrolein	2.27	56	35034	56.438	ug/l	99
14) Allyl chloride	2.71	41	101472	17.859	ug/l	97
15) Acrylonitrile	3.11	53	189488	92.079	ug/l	99
16) Acetone	2.42	43	152537	87.147	ug/l	98
17) Carbon Disulfide	2.55	76	161994	17.272	ug/l	98
18) Methyl Acetate	2.75	43	82235	19.108	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	207274	19.403	ug/l	99
20) Methylene Chloride	2.83	84	63447	17.584	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	60308	17.464	ug/l	98
22) Diisopropyl ether	3.82	45	200011	18.659	ug/l	92
23) Vinyl Acetate	3.78	43	882338	93.559	ug/l	100
24) 1,1-Dichloroethane	3.67	63	111247	18.552	ug/l	99
25) 2-Butanone	4.63	43	260302	92.289	ug/l	98
26) 2,2-Dichloropropane	4.55	77	99073	18.091	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	70485	18.670	ug/l	97
28) Bromochloromethane	4.98	49	52194	19.089	ug/l	99
29) Tetrahydrofuran	5.09	42	172512	92.308	ug/l	99
30) Chloroform	5.18	83	110987	18.589	ug/l	96
31) Cyclohexane	5.54	56	101133	18.558	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	98765	18.199	ug/l	99
36) 1,1-Dichloropropene	5.77	75	85393	18.668	ug/l	98
37) Ethyl Acetate	4.79	43	100470	18.951	ug/l	99
38) Carbon Tetrachloride	5.76	117	87251	18.766	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	103920	18.865	ug/l	99
40) Benzene	6.11	78	253401	18.933	ug/l	99
41) Methacrylonitrile	5.00	41	54144	18.910	ug/l	98
42) 1,2-Dichloroethane	6.16	62	90145	18.697	ug/l	99
43) Isopropyl Acetate	6.41	43	161581	19.102	ug/l	99
44) Trichloroethene	7.19	130	90347	19.001	ug/l	98
45) 1,2-Dichloropropane	7.49	63	66233	19.557	ug/l	99
46) Dibromomethane	7.64	93	44408	19.296	ug/l	100
47) Bromodichloromethane	7.88	83	90654	19.341	ug/l	100
48) Methyl methacrylate	7.74	41	74620	18.616	ug/l	97
49) 1,4-Dioxane	7.71	88	37519	390.285	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	499498	96.494	ug/l	99
52) Toluene	8.76	92	160748	19.269	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	105774	18.927	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	112353	19.247	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	64355	19.607	ug/l	99
56) Ethyl methacrylate	9.16	69	103678	19.351	ug/l	97
57) 1,3-Dichloropropane	9.35	76	112460	19.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	265451	93.066	ug/l	100
59) 2-Hexanone	9.47	43	383601	94.363	ug/l	99
60) Dibromochloromethane	9.57	129	71059	19.657	ug/l	100
61) 1,2-Dibromoethane	9.65	107	68643	19.307	ug/l	100
64) Tetrachloroethene	9.32	164	104140	19.727	ug/l	96
65) Chlorobenzene	10.12	112	171964	19.099	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	63898	19.200	ug/l	99
67) Ethyl Benzene	10.24	91	302136	18.807	ug/l	99
68) m/p-Xylenes	10.34	106	232926	38.698	ug/l	100
69) o-Xylene	10.68	106	110814	19.153	ug/l	98
70) Styrene	10.70	104	184342	18.780	ug/l	99
71) Bromoform	10.84	173	51685	19.062	ug/l #	98
73) Isopropylbenzene	11.00	105	299003	18.648	ug/l	99
74) N-amyl acetate	10.88	43	134706	18.011	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	54237	19.580	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	94686m	18.928	ug/l	
77) Bromobenzene	11.24	156	76459	18.474	ug/l	97
78) n-propylbenzene	11.35	91	344236	18.454	ug/l	100
79) 2-Chlorotoluene	11.40	91	206848	18.786	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	251308	18.563	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38285	18.238	ug/l	99
82) 4-Chlorotoluene	11.49	91	238366	18.333	ug/l	99
83) tert-Butylbenzene	11.76	119	215561	18.476	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	256044	18.707	ug/l	99
85) sec-Butylbenzene	11.93	105	291250	18.489	ug/l	99
86) p-Isopropyltoluene	12.05	119	270646	18.505	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	134528	18.103	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	136817	18.140	ug/l	98
89) n-Butylbenzene	12.37	91	237579	17.781	ug/l	99
90) Hexachloroethane	12.58	117	45832	18.246	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	131684	18.403	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22746	17.252	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	97313	18.369	ug/l	97
94) Hexachlorobutadiene	13.77	225	42644	19.022	ug/l	99
95) Naphthalene	13.82	128	316373	18.443	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	96064	18.554	ug/l	97

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

