

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051920\
 Data File : VX016324.D
 Acq On : 19 May 2020 11:06
 Operator : JC/SP
 Sample : VX0519WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:11:54 PM

Quant Time: May 20 04:13:54 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	253697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	401931	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	369209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	142033	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	
35) Dibromofluoromethane	5.46	113	116598	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	8.70	98	462144	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.12	95	174947	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	50759	18.902	ug/l	99
3) Chloromethane	1.31	50	54099	17.347	ug/l	99
4) Vinyl Chloride	1.39	62	60538	18.195	ug/l	100
5) Bromomethane	1.63	94	32812	19.561	ug/l	99
6) Chloroethane	1.71	64	35563	17.567	ug/l	97
7) Trichlorofluoromethane	1.92	101	79509	18.202	ug/l	98
8) Diethyl Ether	2.17	74	33302	18.094	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47092	18.686	ug/l	99
10) Methyl Iodide	2.49	142	34163	10.092	ug/l	100
11) Tert butyl alcohol	3.01	59	69505	82.333	ug/l	99
12) 1,1-Dichloroethene	2.36	96	46662	17.694	ug/l	96
13) Acrolein	2.27	56	60032	113.639	ug/l	99
14) Allyl chloride	2.70	41	81369	16.828	ug/l	94
15) Acrylonitrile	3.11	53	155808	88.968	ug/l	98
16) Acetone	2.42	43	121000	81.232	ug/l	94
17) Carbon Disulfide	2.55	76	128203	16.047	ug/l	98
18) Methyl Acetate	2.75	43	66893	18.264	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	172807	19.008	ug/l	99
20) Methylene Chloride	2.83	84	55157	17.962	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	51451	17.507	ug/l	98
22) Diisopropyl ether	3.82	45	166774	18.282	ug/l	89
23) Vinyl Acetate	3.78	43	711061	88.598	ug/l	99
24) 1,1-Dichloroethane	3.67	63	94551	18.528	ug/l	97
25) 2-Butanone	4.63	43	206932	86.211	ug/l	97
26) 2,2-Dichloropropane	4.55	77	87237	18.719	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	61027	18.995	ug/l	98
28) Bromochloromethane	4.98	49	41897	18.005	ug/l	93
29) Tetrahydrofuran	5.09	42	135440	85.159	ug/l	96
30) Chloroform	5.17	83	97252	19.141	ug/l	99
31) Cyclohexane	5.55	56	80510	17.360	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	87245	18.891	ug/l	98
36) 1,1-Dichloropropene	5.77	75	72848	18.412	ug/l	99
37) Ethyl Acetate	4.79	43	80295	17.510	ug/l	97
38) Carbon Tetrachloride	5.75	117	76564	19.039	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74228	15.579	ug/l	99
40) Benzene	6.11	78	223591	19.314	ug/l	100
41) Methacrylonitrile	5.00	41	44352	17.909	ug/l	96
42) 1,2-Dichloroethane	6.16	62	76662	18.383	ug/l	98
43) Isopropyl Acetate	6.41	43	130054	17.775	ug/l	97
44) Trichloroethene	7.19	130	74294	18.065	ug/l	95
45) 1,2-Dichloropropane	7.49	63	57122	19.501	ug/l	100
46) Dibromomethane	7.63	93	38059	19.119	ug/l	99
47) Bromodichloromethane	7.87	83	79041	19.496	ug/l	98
48) Methyl methacrylate	7.74	41	59477	17.156	ug/l	92
49) 1,4-Dioxane	7.71	88	29168	350.795	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	404099	90.255	ug/l	97
52) Toluene	8.76	92	143665	19.910	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	89981	18.615	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	96758	19.164	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	57804	20.361	ug/l	98
56) Ethyl methacrylate	9.16	69	88080	19.007	ug/l	92
57) 1,3-Dichloropropane	9.35	76	96687	19.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	212072	85.962	ug/l	98
59) 2-Hexanone	9.47	43	307058	87.329	ug/l	95
60) Dibromochloromethane	9.57	129	61866	19.787	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59634	19.393	ug/l	100
64) Tetrachloroethene	9.32	164	84254	18.589	ug/l	98
65) Chlorobenzene	10.12	112	153070	19.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	57671	20.183	ug/l	98
67) Ethyl Benzene	10.23	91	268166	19.441	ug/l	98
68) m/p-Xylenes	10.34	106	202886	39.258	ug/l	100
69) o-Xylene	10.68	106	96130	19.351	ug/l	100
70) Styrene	10.70	104	165104	19.591	ug/l	100
71) Bromoform	10.84	173	44892	19.284	ug/l #	98
73) Isopropylbenzene	11.00	105	254168	19.125	ug/l	99
74) N-amyl acetate	10.88	43	109204	17.616	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	57347	24.207	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	79705m	19.223	ug/l	
77) Bromobenzene	11.24	156	65309	19.039	ug/l	98
78) n-propylbenzene	11.34	91	281205	18.188	ug/l	99
79) 2-Chlorotoluene	11.40	91	175668	19.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	211556	18.853	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	31317	17.999	ug/l	96
82) 4-Chlorotoluene	11.49	91	205832	19.099	ug/l	99
83) tert-Butylbenzene	11.76	119	175152	18.112	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	213804	18.846	ug/l	100
85) sec-Butylbenzene	11.93	105	215224	16.484	ug/l	100
86) p-Isopropyltoluene	12.05	119	203758	16.808	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	115713	18.787	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	118256	18.916	ug/l	99
89) n-Butylbenzene	12.37	91	165105	14.908	ug/l	100
90) Hexachloroethane	12.58	117	34648	16.642	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	113382	19.117	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19632	17.965	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	70942	16.156	ug/l	98
94) Hexachlorobutadiene	13.77	225	25003	13.609	ug/l	95
95) Naphthalene	13.82	128	253776	17.849	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	71276	16.609	ug/l	96

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

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