

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010747.D
 Acq On : 09 Jul 2019 13:51
 Operator : JC/SP
 Sample : VX0709WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2019 10:19:39 AM

Quant Time: Jul 10 02:26:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99202	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	5.50	113	93759	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.71	98	349408	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.13	95	125300	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34697	23.885	ug/l	99
3) Chloromethane	1.32	50	37016	21.883	ug/l	95
4) Vinyl Chloride	1.41	62	39790	21.476	ug/l	97
5) Bromomethane	1.64	94	23575	26.118	ug/l	94
6) Chloroethane	1.72	64	25015	22.885	ug/l	99
7) Trichlorofluoromethane	1.93	101	66972	22.802	ug/l	97
8) Diethyl Ether	2.19	74	23286	22.108	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38212	21.469	ug/l	99
10) Methyl Iodide	2.51	142	43632	17.177	ug/l	97
11) Tert butyl alcohol	3.04	59	44491	86.789	ug/l	98
12) 1,1-Dichloroethene	2.37	96	37880	20.915	ug/l	98
13) Acrolein	2.29	56	27101	79.692	ug/l	98
14) Allyl chloride	2.73	41	54326	21.128	ug/l	97
15) Acrylonitrile	3.14	53	109274	107.663	ug/l	100
16) Acetone	2.45	43	88673	90.312	ug/l	98
17) Carbon Disulfide	2.57	76	89675	18.455	ug/l	100
18) Methyl Acetate	2.78	43	43703	22.333	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	121054	21.246	ug/l	100
20) Methylene Chloride	2.85	84	43240	21.400	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	39721	20.392	ug/l	97
22) Diisopropyl ether	3.86	45	117272	21.814	ug/l #	87
23) Vinyl Acetate	3.82	43	499355	107.521	ug/l	97
24) 1,1-Dichloroethane	3.70	63	66894	21.527	ug/l	99
25) 2-Butanone	4.67	43	144321	100.206	ug/l	99
26) 2,2-Dichloropropane	4.58	77	50129	18.570	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	46085	20.474	ug/l	97
28) Bromochloromethane	5.02	49	28679	19.303	ug/l	92
29) Tetrahydrofuran	5.13	42	93950	105.313	ug/l	99
30) Chloroform	5.21	83	70841	21.188	ug/l	97
31) Cyclohexane	5.58	56	61099	21.591	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	60746	20.576	ug/l	99
36) 1,1-Dichloropropene	5.80	75	51321	20.702	ug/l	99
37) Ethyl Acetate	4.84	43	54254	21.273	ug/l	98
38) Carbon Tetrachloride	5.79	117	52640	19.609	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65546	20.115	ug/l	93
40) Benzene	6.14	78	162151	20.995	ug/l	100
41) Methacrylonitrile	5.04	41	29326	20.957	ug/l	98
42) 1,2-Dichloroethane	6.20	62	53659	22.824	ug/l	100
43) Isopropyl Acetate	6.45	43	85487	20.260	ug/l	99
44) Trichloroethene	7.21	130	46664	20.192	ug/l	97
45) 1,2-Dichloropropane	7.51	63	39897	20.456	ug/l	99
46) Dibromomethane	7.66	93	29458	21.051	ug/l	95
47) Bromodichloromethane	7.90	83	49256	19.207	ug/l	99
48) Methyl methacrylate	7.77	41	41873	21.350	ug/l	97
49) 1,4-Dioxane	7.74	88	22053	390.326	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	291449	108.000	ug/l	98
52) Toluene	8.78	92	105562	20.755	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	51763	18.004	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	60043	19.217	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43657	20.813	ug/l	98
56) Ethyl methacrylate	9.18	69	64325	20.243	ug/l	97
57) 1,3-Dichloropropane	9.37	76	68748	21.113	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	136955	90.751	ug/l	99
59) 2-Hexanone	9.49	43	224838	105.861	ug/l	98
60) Dibromochloromethane	9.58	129	42648	18.159	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46288	20.444	ug/l	100
64) Tetrachloroethene	9.34	164	46197	20.002	ug/l	99
65) Chlorobenzene	10.14	112	119083	20.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	41271	19.545	ug/l	98
67) Ethyl Benzene	10.25	91	202659	20.707	ug/l	99
68) m/p-Xylenes	10.36	106	155741	41.069	ug/l	98
69) o-Xylene	10.69	106	76255	20.448	ug/l	99
70) Styrene	10.71	104	128584	20.560	ug/l	98
71) Bromoform	10.85	173	30447	16.580	ug/l #	96
73) Isopropylbenzene	11.02	105	203381	20.162	ug/l	99
74) N-amyl acetate	10.90	43	77693	20.380	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	67901	20.326	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	61527m	22.690	ug/l	
77) Bromobenzene	11.26	156	54276	19.270	ug/l	96
78) n-propylbenzene	11.36	91	224689	20.267	ug/l	99
79) 2-Chlorotoluene	11.42	91	132044	20.002	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	169660	20.402	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16915	14.552	ug/l #	86
82) 4-Chlorotoluene	11.51	91	153111	20.382	ug/l	99
83) tert-Butylbenzene	11.77	119	164425	19.700	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	169735	20.316	ug/l	100
85) sec-Butylbenzene	11.94	105	199097	20.316	ug/l	99
86) p-Isopropyltoluene	12.06	119	181849	20.062	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	95348	19.393	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	97719	19.523	ug/l	98
89) n-Butylbenzene	12.38	91	150010	19.475	ug/l	99
90) Hexachloroethane	12.60	117	26188	16.708	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	97179	19.887	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12907	17.920	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	64330	18.983	ug/l	98
94) Hexachlorobutadiene	13.78	225	31345	18.926	ug/l	97
95) Naphthalene	13.83	128	196553	18.874	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	66007	19.591	ug/l	98

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

