

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011648.D
 Acq On : 19 Aug 2019 22:21
 Operator : JC/SP
 Sample : VX0819WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 3:40:32 PM

Quant Time: Aug 20 12:06:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	318583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	453815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	426843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	225645	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148916	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	5.49	113	132858	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
50) Toluene-d8	8.71	98	439123	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.13	95	177159	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	69270	22.120	ug/l	100
3) Chloromethane	1.32	50	59473	18.286	ug/l	100
4) Vinyl Chloride	1.40	62	58505	19.913	ug/l	93
5) Bromomethane	1.64	94	33948	25.787	ug/l	96
6) Chloroethane	1.71	64	31202	22.439	ug/l	99
7) Trichlorofluoromethane	1.92	101	89590	22.015	ug/l	96
8) Diethyl Ether	2.18	74	29823	21.364	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56511	20.105	ug/l	99
10) Methyl Iodide	2.50	142	75048	18.742	ug/l	99
11) Tert butyl alcohol	3.04	59	78217	107.914	ug/l	97
12) 1,1-Dichloroethene	2.37	96	54069	19.905	ug/l	100
13) Acrolein	2.29	56	17762	87.945	ug/l	92
14) Allyl chloride	2.72	41	90692	20.070	ug/l	99
15) Acrylonitrile	3.14	53	178143	107.388	ug/l	100
16) Acetone	2.43	43	151794	102.181	ug/l	99
17) Carbon Disulfide	2.56	76	126404	19.748	ug/l	99
18) Methyl Acetate	2.76	43	102985	22.353	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	192626	21.773	ug/l	99
20) Methylene Chloride	2.85	84	64081	20.545	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	59744	20.754	ug/l	98
22) Diisopropyl ether	3.85	45	191332	21.261	ug/l	96
23) Vinyl Acetate	3.81	43	756487	106.157	ug/l	99
24) 1,1-Dichloroethane	3.69	63	106485	20.929	ug/l	99
25) 2-Butanone	4.67	43	247470	106.111	ug/l	98
26) 2,2-Dichloropropane	4.57	77	66903	17.471	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	69217	20.626	ug/l	98
28) Bromochloromethane	5.01	49	44976	20.137	ug/l	97
29) Tetrahydrofuran	5.12	42	160525	104.929	ug/l	98
30) Chloroform	5.20	83	112479	20.947	ug/l	98
31) Cyclohexane	5.57	56	84946	19.391	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	99796	21.615	ug/l	99
36) 1,1-Dichloropropene	5.79	75	76249	19.652	ug/l	99
37) Ethyl Acetate	4.83	43	92770	20.787	ug/l	99
38) Carbon Tetrachloride	5.78	117	85603	20.025	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94405	19.702	ug/l	99
40) Benzene	6.14	78	235738	19.551	ug/l	100
41) Methacrylonitrile	5.03	41	51585	21.002	ug/l	99
42) 1,2-Dichloroethane	6.19	62	91560	21.917	ug/l	97
43) Isopropyl Acetate	6.44	43	141879	20.371	ug/l	99
44) Trichloroethene	7.21	130	72363	20.231	ug/l	98
45) 1,2-Dichloropropane	7.51	63	64360	21.403	ug/l	97
46) Dibromomethane	7.66	93	43299	19.815	ug/l	98
47) Bromodichloromethane	7.89	83	79574	19.833	ug/l	97
48) Methyl methacrylate	7.77	41	70898	20.556	ug/l	99
49) 1,4-Dioxane	7.74	88	37083	404.234	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	480884	105.487	ug/l	100
52) Toluene	8.78	92	158568	20.642	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	83144	19.967	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	91914	20.169	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	66304	20.297	ug/l	99
56) Ethyl methacrylate	9.18	69	99312	20.917	ug/l	98
57) 1,3-Dichloropropane	9.37	76	107331	20.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	259298	109.607	ug/l	99
59) 2-Hexanone	9.49	43	367493	104.536	ug/l	100
60) Dibromochloromethane	9.58	129	70010	20.570	ug/l	99
61) 1,2-Dibromoethane	9.67	107	71225	20.430	ug/l	99
64) Tetrachloroethene	9.34	164	69825	19.938	ug/l	96
65) Chlorobenzene	10.13	112	178537	19.611	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	67094	19.717	ug/l	99
67) Ethyl Benzene	10.25	91	302778	19.927	ug/l	100
68) m/p-Xylenes	10.35	106	237890	40.789	ug/l	98
69) o-Xylene	10.69	106	110801	19.395	ug/l	99
70) Styrene	10.71	104	182276	18.953	ug/l	98
71) Bromoform	10.85	173	50848	17.656	ug/l #	100
73) Isopropylbenzene	11.02	105	298486	20.386	ug/l	100
74) N-amyl acetate	10.90	43	119868	19.264	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	97121	19.282	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	85865m	20.068	ug/l	
77) Bromobenzene	11.25	156	82189	18.867	ug/l	97
78) n-propylbenzene	11.36	91	317214	20.092	ug/l	100
79) 2-Chlorotoluene	11.42	91	195900	20.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	245452	19.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24524	18.619	ug/l	90
82) 4-Chlorotoluene	11.51	91	225739	20.070	ug/l	98
83) tert-Butylbenzene	11.77	119	253324	20.222	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	251281	20.350	ug/l	98
85) sec-Butylbenzene	11.94	105	290523	20.556	ug/l	99
86) p-Isopropyltoluene	12.06	119	270559	20.349	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	138299	18.470	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	147394	19.422	ug/l	99
89) n-Butylbenzene	12.38	91	198129	18.125	ug/l	99
90) Hexachloroethane	12.59	117	38191	18.189	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	134921	17.950	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23314	20.232	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111189	19.854	ug/l	99
94) Hexachlorobutadiene	13.78	225	59882	19.636	ug/l	98
95) Naphthalene	13.83	128	330874	20.898	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	114387	20.250	ug/l	99

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

