

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012494.D
 Acq On : 18 Sep 2019 23:57
 Operator : JC/SP
 Sample : VX0918WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:06:22 PM

Quant Time: Sep 19 08:08:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	197404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	337435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	142322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	140651	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	5.49	113	102004	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	8.71	98	375855	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.14	95	148831	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23930	18.419	ug/l	96
3) Chloromethane	1.32	50	20587	18.969	ug/l	99
4) Vinyl Chloride	1.40	62	22939	19.556	ug/l	97
5) Bromomethane	1.63	94	10953	23.768	ug/l	99
6) Chloroethane	1.72	64	15775	17.186	ug/l	94
7) Trichlorofluoromethane	1.92	101	42383	19.711	ug/l	97
8) Diethyl Ether	2.18	74	17916	18.447	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30006	19.287	ug/l	97
10) Methyl Iodide	2.50	142	22100	19.525	ug/l	98
11) Tert butyl alcohol	3.03	59	73582	99.012	ug/l	97
12) 1,1-Dichloroethene	2.36	96	24491	19.733	ug/l	96
13) Acrolein	2.28	56	18346	72.655	ug/l	97
14) Allyl chloride	2.72	41	55477	19.200	ug/l	98
15) Acrylonitrile	3.13	53	118495	96.652	ug/l	98
16) Acetone	2.43	43	110209	79.835	ug/l	100
17) Carbon Disulfide	2.56	76	30811	18.726	ug/l	97
18) Methyl Acetate	2.76	43	58621	19.884	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	132750	19.618	ug/l	100
20) Methylene Chloride	2.84	84	33736	19.703	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	25485	19.774	ug/l	98
22) Diisopropyl ether	3.84	45	129905	19.201	ug/l	98
23) Vinyl Acetate	3.80	43	530962	95.407	ug/l	99
24) 1,1-Dichloroethane	3.69	63	64510	19.929	ug/l	98
25) 2-Butanone	4.66	43	173008	88.157	ug/l	100
26) 2,2-Dichloropropane	4.57	77	47406	14.891	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	38556	20.027	ug/l	94
28) Bromochloromethane	5.01	49	32818	19.666	ug/l	95
29) Tetrahydrofuran	5.11	42	103647	95.601	ug/l	99
30) Chloroform	5.20	83	71288	19.176	ug/l	96
31) Cyclohexane	5.57	56	37600	19.242	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	59266	19.074	ug/l	98
36) 1,1-Dichloropropene	5.79	75	37227	18.153	ug/l	92
37) Ethyl Acetate	4.83	43	62297	19.790	ug/l	98
38) Carbon Tetrachloride	5.78	117	47567	18.649	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	36936	18.527	ug/l	98
40) Benzene	6.14	78	126650	19.421	ug/l	97
41) Methacrylonitrile	5.03	41	36091	17.806	ug/l	96
42) 1,2-Dichloroethane	6.18	62	57877	19.135	ug/l	99
43) Isopropyl Acetate	6.44	43	105380	18.651	ug/l	99
44) Trichloroethene	7.21	130	34720	20.239	ug/l	96
45) 1,2-Dichloropropane	7.51	63	37963	18.948	ug/l	95
46) Dibromomethane	7.65	93	25837	19.928	ug/l	97
47) Bromodichloromethane	7.89	83	54383	18.838	ug/l	97
48) Methyl methacrylate	7.76	41	48951	18.380	ug/l	98
49) 1,4-Dioxane	7.73	88	22892	353.158	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	350110	94.492	ug/l	100
52) Toluene	8.78	92	81380	19.366	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53791	17.925	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	57346	18.459	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	41681	19.253	ug/l	98
56) Ethyl methacrylate	9.17	69	62902	18.583	ug/l	98
57) 1,3-Dichloropropane	9.37	76	66725	19.317	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	166675	95.127	ug/l	100
59) 2-Hexanone	9.48	43	258815	89.535	ug/l	98
60) Dibromochloromethane	9.58	129	42163	19.120	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39532	19.994	ug/l	100
64) Tetrachloroethene	9.33	164	31037	22.655	ug/l	90
65) Chlorobenzene	10.14	112	97952	19.851	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	40997	20.019	ug/l	100
67) Ethyl Benzene	10.25	91	165855	19.564	ug/l	99
68) m/p-Xylenes	10.36	106	122749	39.794	ug/l	99
69) o-Xylene	10.70	106	63225	19.931	ug/l	98
70) Styrene	10.71	104	112286	20.006	ug/l	98
71) Bromoform	10.85	173	28554	18.134	ug/l #	100
73) Isopropylbenzene	11.01	105	177296	19.854	ug/l	99
74) N-amyl acetate	10.89	43	90480	18.820	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	67531	19.278	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	64070m	19.598	ug/l	
77) Bromobenzene	11.25	156	44815	20.578	ug/l	98
78) n-propylbenzene	11.35	91	194147	19.507	ug/l	98
79) 2-Chlorotoluene	11.42	91	124771	19.270	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	151877	19.942	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17027	16.509	ug/l	89
82) 4-Chlorotoluene	11.51	91	146156	19.668	ug/l	99
83) tert-Butylbenzene	11.77	119	154458	18.927	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	154216	19.722	ug/l	100
85) sec-Butylbenzene	11.94	105	175555	19.523	ug/l	99
86) p-Isopropyltoluene	12.06	119	159920	19.367	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	81235	19.829	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	83501	19.843	ug/l	99
89) n-Butylbenzene	12.39	91	132487	17.983	ug/l	100
90) Hexachloroethane	12.59	117	27840	18.388	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	84169	19.658	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16764	18.459	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	53843	19.523	ug/l	99
94) Hexachlorobutadiene	13.78	225	24117	18.553	ug/l	98
95) Naphthalene	13.83	128	199161	20.295	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	57955	20.621	ug/l	99

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

