

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004624.D
 Acq On : 17 Sep 2018 17:45
 Operator : JC/MD
 Sample : VX0917WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2018 5:51:18 PM

Quant Time: Sep 18 01:18:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	92218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	106783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	92958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	48851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	49641	41.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.50%	
35) Dibromofluoromethane	5.50	113	45373	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
50) Toluene-d8	8.71	98	161741	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	48760	41.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20546	23.77	ug/l	89
3) Chloromethane	1.32	50	23377	19.65	ug/l	92
4) Vinyl Chloride	1.40	62	25118	20.58	ug/l	97
5) Bromomethane	1.64	94	11557	21.95	ug/l	94
6) Chloroethane	1.72	64	15130	19.17	ug/l	95
7) Trichlorofluoromethane	1.93	101	35037	21.65	ug/l	98
8) Diethyl Ether	2.18	74	12027	16.58	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23751	23.13	ug/l	96
10) Methyl Iodide	2.51	142	13286	14.16	ug/l	98
11) Tert butyl alcohol	3.07	59	55047	194.01	ug/l	100
12) 1,1-Dichloroethene	2.37	96	20364	21.13	ug/l	97
13) Acrolein	2.29	56	13160	117.50	ug/l	97
14) Allyl chloride	2.73	41	42124	21.26	ug/l	87
15) Acrylonitrile	3.15	53	100199	146.65	ug/l	95
16) Acetone	2.45	43	97772	168.47	ug/l	96
17) Carbon Disulfide	2.57	76	55436	19.90	ug/l	99
18) Methyl Acetate	2.78	43	50105	30.77	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	57322	16.95	ug/l	98
20) Methylene Chloride	2.85	84	19463	16.35	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	19408	18.23	ug/l	97
22) Diisopropyl ether	3.87	45	61240	17.16	ug/l	97
23) Vinyl Acetate	3.82	43	251125	86.98	ug/l	98
24) 1,1-Dichloroethane	3.69	63	38887	19.30	ug/l	99
25) 2-Butanone	4.71	43	139576	151.11	ug/l	91
26) 2,2-Dichloropropane	4.58	77	29243	21.14	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	20182	16.98	ug/l	93
28) Bromochloromethane	5.02	49	14862	16.13	ug/l	94
29) Tetrahydrofuran	5.16	42	86042	154.47	ug/l	97
30) Chloroform	5.21	83	34264	17.42	ug/l	99
31) Cyclohexane	5.57	56	37763	21.96	ug/l	88
32) 1,1,1-Trichloroethane	5.50	97	31412	19.83	ug/l	97
36) 1,1-Dichloropropene	5.81	75	28550	22.02	ug/l	97
37) Ethyl Acetate	4.85	43	40406	27.40	ug/l	100
38) Carbon Tetrachloride	5.78	117	28275	22.33	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34507	25.51	ug/l	96
40) Benzene	6.14	78	81336	21.15	ug/l	96
41) Methacrylonitrile	5.06	41	19655	24.19	ug/l	97
42) 1,2-Dichloroethane	6.20	62	23116	18.12	ug/l	98
43) Isopropyl Acetate	6.46	43	41477	21.18	ug/l	99
44) Trichloroethene	7.21	130	21560	21.57	ug/l	96
45) 1,2-Dichloropropane	7.52	63	18171	19.63	ug/l	97
46) Dibromomethane	7.66	93	10413	17.81	ug/l	95
47) Bromodichloromethane	7.90	83	20416	18.46	ug/l	99
48) Methyl methacrylate	7.78	41	20748	21.41	ug/l	96
49) 1,4-Dioxane	7.76	88	21604	941.81	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	169569	122.70	ug/l	97
52) Toluene	8.79	92	44398	19.59	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	19735	15.28	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	23593	17.92	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	16818	17.24	ug/l	96
56) Ethyl methacrylate	9.18	69	22625	16.39	ug/l	98
57) 1,3-Dichloropropane	9.37	76	27826	17.55	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	60177	90.34	ug/l	97
59) 2-Hexanone	9.49	43	144470	136.29	ug/l	97
60) Dibromochloromethane	9.59	129	15725	17.12	ug/l	99
61) 1,2-Dibromoethane	9.67	107	17144	18.39	ug/l	99
64) Tetrachloroethene	9.34	164	24140	20.80	ug/l	98
65) Chlorobenzene	10.14	112	46047	19.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	15945	20.02	ug/l	98
67) Ethyl Benzene	10.25	91	77831	20.73	ug/l	97
68) m/p-Xylenes	10.36	106	59843	41.38	ug/l	96
69) o-Xylene	10.70	106	28616	20.58	ug/l	98
70) Styrene	10.71	104	42707	18.54	ug/l	97
71) Bromoform	10.86	173	12428	19.01	ug/l #	97
73) Isopropylbenzene	11.02	105	84120	26.15	ug/l	99
74) N-amyl acetate	10.90	43	28390	20.96	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	26497	25.53	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	27394m	27.87	ug/l	
77) Bromobenzene	11.26	156	19386	21.80	ug/l	97
78) n-propylbenzene	11.36	91	94197	25.46	ug/l	100
79) 2-Chlorotoluene	11.42	91	53488	23.84	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	66423	24.56	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	7590	24.62	ug/l	95
82) 4-Chlorotoluene	11.51	91	57256	21.87	ug/l	99
83) tert-Butylbenzene	11.77	119	68688	26.68	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	64651	23.41	ug/l	99
85) sec-Butylbenzene	11.94	105	91794	27.98	ug/l	99
86) p-Isopropyltoluene	12.07	119	75222	25.96	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	34955	21.07	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	33729	19.67	ug/l	98
89) n-Butylbenzene	12.39	91	62908	23.82	ug/l	97
90) Hexachloroethane	12.60	117	11677	25.17	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	36387	21.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7529	33.98	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	19938	16.77	ug/l	98
94) Hexachlorobutadiene	13.79	225	19022	30.63	ug/l	99
95) Naphthalene	13.83	128	72120	21.62	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	22167	18.15	ug/l	99

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

