

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002715.D
 Acq On : 19 Jun 2018 16:18
 Operator : JC/MD
 Sample : VX0619WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/20/2018 6:26:56 PM

Quant Time: Jun 19 16:38:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188868	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	152517	43.24	ug/l	0.00
Spiked Amount			Recovery	=	86.48%	
35) Dibromofluoromethane	5.51	113	119468	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	
50) Toluene-d8	8.72	98	446621	44.92	ug/l	0.00
Spiked Amount			Recovery	=	89.84%	
62) 4-Bromofluorobenzene	11.14	95	164200	43.58	ug/l	0.00
Spiked Amount			Recovery	=	87.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	49288	20.00	ug/l	98
3) Chloromethane	1.32	50	51879	17.70	ug/l	98
4) Vinyl Chloride	1.40	62	57308	18.84	ug/l	97
5) Bromomethane	1.64	94	35431	19.31	ug/l	98
6) Chloroethane	1.72	64	36842	18.38	ug/l	97
7) Trichlorofluoromethane	1.93	101	97715	19.77	ug/l	98
8) Diethyl Ether	2.19	74	33258	17.69	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54600	19.77	ug/l	99
10) Methyl Iodide	2.51	142	50081	17.22	ug/l	99
11) Tert butyl alcohol	3.08	59	71628	98.23	ug/l	98
12) 1,1-Dichloroethene	2.37	96	48292	18.62	ug/l	99
13) Acrolein	2.30	56	47491	141.98	ug/l	98
14) Allyl chloride	2.73	41	95261	18.50	ug/l	99
15) Acrylonitrile	3.15	53	150807	94.78	ug/l	100
16) Acetone	2.45	43	147892	95.04	ug/l	99
17) Carbon Disulfide	2.57	76	119331	19.40	ug/l	99
18) Methyl Acetate	2.78	43	80684	19.46	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	175570	18.05	ug/l	99
20) Methylene Chloride	2.86	84	54185	16.98	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	52069	18.51	ug/l	95
22) Diisopropyl ether	3.88	45	169420	18.18	ug/l	98
23) Vinyl Acetate	3.83	43	785707	100.76	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100496	19.87	ug/l	99
25) 2-Butanone	4.71	43	206105	100.85	ug/l	98
26) 2,2-Dichloropropane	4.59	77	65438	18.01	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	54747	19.12	ug/l	95
28) Bromochloromethane	5.03	49	43919	18.55	ug/l	95
29) Tetrahydrofuran	5.17	42	131898	98.48	ug/l	97
30) Chloroform	5.22	83	94676	19.42	ug/l	93
31) Cyclohexane	5.58	56	79604	19.12	ug/l	91
32) 1,1,1-Trichloroethane	5.50	97	82024	20.11	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68072	19.54	ug/l	99
37) Ethyl Acetate	4.87	43	79325	20.11	ug/l	100
38) Carbon Tetrachloride	5.79	117	71241	20.53	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79440	19.50	ug/l	97
40) Benzene	6.15	78	204700	19.59	ug/l	99
41) Methacrylonitrile	5.07	41	44706	20.08	ug/l	98
42) 1,2-Dichloroethane	6.20	62	80577	19.92	ug/l	99
43) Isopropyl Acetate	6.48	43	123532	18.90	ug/l	99
44) Trichloroethene	7.22	130	58194	19.30	ug/l	98
45) 1,2-Dichloropropane	7.52	63	52940	19.25	ug/l	98
46) Dibromomethane	7.67	93	36954	20.09	ug/l	99
47) Bromodichloromethane	7.90	83	64902	20.00	ug/l	98
48) Methyl methacrylate	7.78	41	64089	19.19	ug/l	96
49) 1,4-Dioxane	7.76	88	26689	422.05	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	427051	101.79	ug/l	100
52) Toluene	8.79	92	131065	19.66	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	76096	19.26	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	67759	18.69	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	54638	20.29	ug/l	97
56) Ethyl methacrylate	9.19	69	80115	19.33	ug/l	98
57) 1,3-Dichloropropane	9.38	76	89301	19.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	178236	88.91	ug/l	98
59) 2-Hexanone	9.50	43	324419	102.61	ug/l	98
60) Dibromochloromethane	9.59	129	52515	19.79	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56685	20.32	ug/l	99
64) Tetrachloroethene	9.34	164	64564	18.97	ug/l	99
65) Chlorobenzene	10.14	112	151481	20.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	53499	20.84	ug/l	99
67) Ethyl Benzene	10.26	91	251738	19.82	ug/l	99
68) m/p-Xylenes	10.36	106	196376	40.08	ug/l	98
69) o-Xylene	10.70	106	94807	19.69	ug/l	98
70) Styrene	10.71	104	156039	19.71	ug/l	99
71) Bromoform	10.86	173	40355	20.43	ug/l #	98
73) Isopropylbenzene	11.02	105	259846	20.57	ug/l	100
74) N-amyl acetate	6.48	43	123532	19.68	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	79699	21.37	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	69836m	19.60	ug/l	
77) Bromobenzene	11.26	156	70402	20.01	ug/l	98
78) n-propylbenzene	11.37	91	293393	20.25	ug/l	100
79) 2-Chlorotoluene	11.43	91	173714	20.08	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	218000	20.42	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18445	19.36	ug/l	90
82) 4-Chlorotoluene	11.51	91	207415	20.32	ug/l	100
83) tert-Butylbenzene	11.77	119	211622	20.58	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	222419	20.42	ug/l	98
85) sec-Butylbenzene	11.95	105	259795	20.32	ug/l	100
86) p-Isopropyltoluene	12.07	119	233399	20.17	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	128627	19.93	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129970	19.79	ug/l	100
89) n-Butylbenzene	12.39	91	199585	19.55	ug/l	99
90) Hexachloroethane	12.60	117	32592	19.75	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	130901	20.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17078	21.86	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94028	19.95	ug/l	99
94) Hexachlorobutadiene	13.79	225	49308	19.86	ug/l	99
95) Naphthalene	13.84	128	270971	21.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96615	20.41	ug/l	99

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

