

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002868.D
 Acq On : 25 Jun 2018 19:28
 Operator : JC/MD
 Sample : VX0625WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:30 PM

Quant Time: Jun 27 05:42:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221640	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188023	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	5.51	113	147758	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.72	98	549075	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.14	95	207702	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	46257	18.49	ug/l	98
3) Chloromethane	1.32	50	50278	18.81	ug/l	99
4) Vinyl Chloride	1.40	62	56530	18.02	ug/l	100
5) Bromomethane	1.64	94	32831	20.83	ug/l	99
6) Chloroethane	1.72	64	36260	18.36	ug/l	97
7) Trichlorofluoromethane	1.93	101	99288	18.76	ug/l	99
8) Diethyl Ether	2.19	74	35894	18.66	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56414	18.40	ug/l	99
10) Methyl Iodide	2.51	142	45917	19.15	ug/l	99
11) Tert butyl alcohol	3.07	59	76163	99.71	ug/l	98
12) 1,1-Dichloroethene	2.37	96	48808	17.84	ug/l	98
13) Acrolein	2.29	56	40652	98.60	ug/l	100
14) Allyl chloride	2.73	41	99108	18.38	ug/l	100
15) Acrylonitrile	3.15	53	156608	95.98	ug/l	99
16) Acetone	2.45	43	151547	95.43	ug/l	99
17) Carbon Disulfide	2.57	76	124673	17.10	ug/l	100
18) Methyl Acetate	2.78	43	92557	20.85	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	185439	18.85	ug/l	100
20) Methylene Chloride	2.86	84	56693	18.35	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	54703	18.36	ug/l	95
22) Diisopropyl ether	3.87	45	190992	18.53	ug/l	94
23) Vinyl Acetate	3.82	43	806648	92.40	ug/l	100
24) 1,1-Dichloroethane	3.70	63	104815	18.71	ug/l	99
25) 2-Butanone	4.71	43	228806	97.09	ug/l	100
26) 1,2-Dichloropropane	4.59	77	80282	17.62	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	62725	18.77	ug/l	99
28) Bromochloromethane	5.03	49	53298	19.87	ug/l	96
29) Tetrahydrofuran	5.17	42	143668	95.06	ug/l	96
30) Chloroform	5.22	83	106906	18.59	ug/l	97
31) Cyclohexane	5.57	56	88445	18.39	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	93158	18.41	ug/l	99
36) 1,1-Dichloropropene	5.80	75	76527	18.34	ug/l	97
37) Ethyl Acetate	4.87	43	86980	19.36	ug/l	99
38) Carbon Tetrachloride	5.79	117	83525	18.24	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89472	18.41	ug/l	99
40) Benzene	6.15	78	228520	18.85	ug/l	100
41) Methacrylonitrile	5.07	41	49033	18.95	ug/l	98
42) 1,2-Dichloroethane	6.20	62	89145	18.20	ug/l	100
43) Isopropyl Acetate	6.47	43	137918	18.30	ug/l	99
44) Trichloroethene	7.21	130	67980	18.81	ug/l	94
45) 1,2-Dichloropropane	7.52	63	60020	18.66	ug/l	100
46) Dibromomethane	7.66	93	41619	18.65	ug/l	98
47) Bromodichloromethane	7.90	83	75440	18.28	ug/l	99
48) Methyl methacrylate	7.78	41	73706	18.98	ug/l	97
49) 1,4-Dioxane	7.76	88	29849	395.14	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	459510	97.46	ug/l	99
52) Toluene	8.79	92	147812	19.03	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	87293	18.68	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	80049	17.80	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	60147	18.84	ug/l	98
56) Ethyl methacrylate	9.18	69	87366	18.73	ug/l	97
57) 1,3-Dichloropropane	9.37	76	98442	18.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	225413	100.16	ug/l	99
59) 2-Hexanone	9.50	43	356437	99.48	ug/l	100
60) Dibromochloromethane	9.59	129	60531	18.01	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62521	18.67	ug/l	100
64) Tetrachloroethene	9.34	164	74569	18.89	ug/l	99
65) Chlorobenzene	10.14	112	170301	18.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	62109	18.96	ug/l	99
67) Ethyl Benzene	10.26	91	289500	19.44	ug/l	99
68) m/p-Xylenes	10.36	106	224208	39.06	ug/l	98
69) o-Xylene	10.70	106	108158	19.35	ug/l	98
70) Styrene	10.71	104	173938	19.15	ug/l	100
71) Bromoform	10.86	173	46751	18.47	ug/l #	100
73) Isopropylbenzene	11.02	105	296439	19.88	ug/l	100
74) N-amyl acetate	6.47	43	137918	18.90	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88696	19.31	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	90585m	22.56	ug/l	
77) Bromobenzene	11.26	156	81840	19.27	ug/l	98
78) n-propylbenzene	11.37	91	337291	19.87	ug/l	100
79) 2-Chlorotoluene	11.43	91	200096	19.47	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	249820	19.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22205	18.33	ug/l	91
82) 4-Chlorotoluene	11.51	91	234975	19.32	ug/l	99
83) tert-Butylbenzene	11.77	119	242499	19.59	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	258237	19.85	ug/l	99
85) sec-Butylbenzene	11.95	105	298840	19.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	268344	19.88	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	150699	19.43	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	151598	19.00	ug/l	100
89) n-Butylbenzene	12.39	91	226488	19.28	ug/l	100
90) Hexachloroethane	12.60	117	38732	19.29	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	149965	19.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19512	18.90	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109370	19.20	ug/l	98
94) Hexachlorobutadiene	13.79	225	55402	19.50	ug/l	98
95) Naphthalene	13.84	128	299078	19.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111389	19.58	ug/l	99

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

