

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002954.D
 Acq On : 28 Jun 2018 00:00
 Operator : JC/MD
 Sample : VX0627WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:47:57 PM

Quant Time: Jun 28 06:41:55 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	264871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185846	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	5.51	113	147325	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.72	98	535501	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.14	95	202745	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61680	25.94	ug/l	100
3) Chloromethane	1.32	50	61850	24.58	ug/l	99
4) Vinyl Chloride	1.40	62	65542	21.88	ug/l	99
5) Bromomethane	1.64	94	32755	21.90	ug/l	100
6) Chloroethane	1.72	64	41066	22.19	ug/l	99
7) Trichlorofluoromethane	1.93	101	104314	20.64	ug/l	99
8) Diethyl Ether	2.19	74	37267	20.29	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58488	19.98	ug/l	99
10) Methyl Iodide	2.51	142	53187	21.91	ug/l	99
11) Tert butyl alcohol	3.07	59	75758	103.88	ug/l	99
12) 1,1-Dichloroethene	2.37	96	53085	20.32	ug/l	94
13) Acrolein	2.29	56	44839	113.25	ug/l	97
14) Allyl chloride	2.73	41	101790	19.77	ug/l	98
15) Acrylonitrile	3.15	53	158589	101.80	ug/l	99
16) Acetone	2.45	43	148184	97.74	ug/l	98
17) Carbon Disulfide	2.57	76	143970	20.69	ug/l	97
18) Methyl Acetate	2.78	43	74149	17.49	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	187486	19.96	ug/l	99
20) Methylene Chloride	2.86	84	59316	20.10	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	57139	20.08	ug/l	94
22) Diisopropyl ether	3.87	45	200844	20.41	ug/l	95
23) Vinyl Acetate	3.83	43	868712	104.23	ug/l	99
24) 1,1-Dichloroethane	3.70	63	108643	20.31	ug/l	99
25) 2-Butanone	4.71	43	227807	101.24	ug/l	96
26) 2,2-Dichloropropane	4.59	77	67393	15.49	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	63717	19.97	ug/l	97
28) Bromochloromethane	5.02	49	51241	20.01	ug/l	96
29) Tetrahydrofuran	5.17	42	147599	102.29	ug/l	97
30) Chloroform	5.22	83	110628	20.15	ug/l	97
31) Cyclohexane	5.57	56	93076	20.27	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	97163	20.11	ug/l	99
36) 1,1-Dichloropropene	5.80	75	79547	19.73	ug/l	98
37) Ethyl Acetate	4.87	43	88972	20.50	ug/l	98
38) Carbon Tetrachloride	5.79	117	87119	19.69	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94022	20.02	ug/l	97
40) Benzene	6.15	78	240095	20.50	ug/l	99
41) Methacrylonitrile	5.07	41	50079	20.03	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93576	19.77	ug/l	99
43) Isopropyl Acetate	6.47	43	142267	19.54	ug/l	99
44) Trichloroethene	7.22	130	71021	20.33	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61945	19.93	ug/l	97
46) Dibromomethane	7.67	93	42669	19.79	ug/l	96
47) Bromodichloromethane	7.90	83	77298	19.39	ug/l	97
48) Methyl methacrylate	7.78	41	72751	19.39	ug/l	98
49) 1,4-Dioxane	7.76	88	29978	410.75	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	461294	101.27	ug/l	99
52) Toluene	8.79	92	153787	20.49	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	85864	19.02	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	78956	18.17	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	61877	20.07	ug/l	94
56) Ethyl methacrylate	9.18	69	90306	20.04	ug/l	98
57) 1,3-Dichloropropane	9.37	76	101320	20.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	221864	102.04	ug/l	98
59) 2-Hexanone	9.50	43	350361	101.21	ug/l	98
60) Dibromochloromethane	9.59	129	62387	19.22	ug/l	100
61) 1,2-Dibromoethane	9.68	107	64641	19.98	ug/l	99
64) Tetrachloroethene	9.34	164	77327	19.76	ug/l	98
65) Chlorobenzene	10.14	112	177001	19.80	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63409	19.52	ug/l	100
67) Ethyl Benzene	10.26	91	295376	20.00	ug/l	100
68) m/p-Xylenes	10.36	106	231104	40.60	ug/l	99
69) o-Xylene	10.70	106	110773	19.98	ug/l	100
70) Styrene	10.71	104	183303	20.35	ug/l	99
71) Bromoform	10.86	173	46391	18.48	ug/l	100
73) Isopropylbenzene	11.02	105	304658	20.81	ug/l	99
74) N-amyl acetate	6.47	43	142267	19.86	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91669	20.33	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	79398m	20.14	ug/l	
77) Bromobenzene	11.26	156	84097	20.17	ug/l	97
78) n-propylbenzene	11.37	91	341633	20.50	ug/l	100
79) 2-Chlorotoluene	11.43	91	203562	20.18	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	251698	20.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20355	17.34	ug/l	90
82) 4-Chlorotoluene	11.51	91	241222	20.20	ug/l	99
83) tert-Butylbenzene	11.77	119	248084	20.41	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	261684	20.48	ug/l	99
85) sec-Butylbenzene	11.95	105	301468	20.45	ug/l	100
86) p-Isopropyltoluene	12.07	119	269380	20.32	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	153238	20.12	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	153368	19.57	ug/l	99
89) n-Butylbenzene	12.39	91	223644	19.39	ug/l	99
90) Hexachloroethane	12.60	117	37710	19.13	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	150852	19.63	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19658	19.39	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	107812	19.27	ug/l	99
94) Hexachlorobutadiene	13.79	225	53071	19.02	ug/l	99
95) Naphthalene	13.84	128	298533	20.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110616	19.80	ug/l	100

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

