

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002419.D
 Acq On : 09 Jun 2018 14:14
 Operator : JC/MD
 Sample : VX0609WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 2:32:52 PM

Quant Time: Jun 11 04:31:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	227413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158592	40.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.78%	
35) Dibromofluoromethane	5.51	113	123103	41.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.36%	
50) Toluene-d8	8.72	98	475125	41.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.94%	
62) 4-Bromofluorobenzene	11.14	95	177595	40.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54397	19.37	ug/l	95
3) Chloromethane	1.32	50	58107	16.11	ug/l	99
4) Vinyl Chloride	1.40	62	66742	18.86	ug/l	99
5) Bromomethane	1.64	94	35965	15.66	ug/l	100
6) Chloroethane	1.73	64	44477	19.43	ug/l	99
7) Trichlorofluoromethane	1.93	101	117487	21.79	ug/l	97
8) Diethyl Ether	2.19	74	40741	19.81	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67137	23.07	ug/l	100
10) Methyl Iodide	2.51	142	54267	13.26	ug/l	98
11) Tert butyl alcohol	3.07	59	73659	79.54	ug/l	97
12) 1,1-Dichloroethene	2.37	96	57194	19.89	ug/l	98
13) Acrolein	2.29	56	30387	72.28	ug/l	100
14) Allyl chloride	2.73	41	111978	17.94	ug/l	98
15) Acrylonitrile	3.15	53	167004	95.59	ug/l	98
16) Acetone	2.45	43	183057	98.57	ug/l	97
17) Carbon Disulfide	2.57	76	133849	17.66	ug/l	98
18) Methyl Acetate	2.78	43	81221	19.33	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	212792	19.80	ug/l	97
20) Methylene Chloride	2.86	84	63460	19.07	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	60957	19.22	ug/l	98
22) Diisopropyl ether	3.87	45	217742	19.99	ug/l	98
23) Vinyl Acetate	3.82	43	958174	94.70	ug/l	100
24) 1,1-Dichloroethane	3.70	63	120437	19.52	ug/l	98
25) 2-Butanone	4.71	43	223270	84.29	ug/l	98
26) 2,2-Dichloropropane	4.59	77	85176	17.66	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	60601	17.57	ug/l	96
28) Bromochloromethane	5.02	49	39934	12.56	ug/l	100
29) Tetrahydrofuran	5.17	42	139089	81.44	ug/l	98
30) Chloroform	5.22	83	107398	18.04	ug/l	97
31) Cyclohexane	5.58	56	94299	19.33	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	93677	18.56	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77665	19.67	ug/l	99
37) Ethyl Acetate	4.86	43	85067	17.92	ug/l	99
38) Carbon Tetrachloride	5.79	117	81744	19.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98231	20.29	ug/l	99
40) Benzene	6.15	78	231733	19.14	ug/l	100
41) Methacrylonitrile	5.06	41	49201	18.10	ug/l	99
42) 1,2-Dichloroethane	6.20	62	91536	19.03	ug/l	99
43) Isopropyl Acetate	6.47	43	142687	17.69	ug/l	100
44) Trichloroethene	7.21	130	66342	19.75	ug/l	95
45) 1,2-Dichloropropane	7.52	63	62295	19.06	ug/l	100
46) Dibromomethane	7.67	93	41304	18.64	ug/l	98
47) Bromodichloromethane	7.90	83	74229	18.52	ug/l	98
48) Methyl methacrylate	7.78	41	72895	17.99	ug/l	98
49) 1,4-Dioxane	7.76	88	27620	364.64	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	458883	91.37	ug/l	100
52) Toluene	8.79	92	150634	19.56	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	88333	18.38	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	82007	18.09	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61019	19.27	ug/l	99
56) Ethyl methacrylate	9.18	69	91299	18.06	ug/l	99
57) 1,3-Dichloropropane	9.37	76	102093	19.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	223135	95.35	ug/l	99
59) 2-Hexanone	9.50	43	355977	91.76	ug/l	99
60) Dibromochloromethane	9.59	129	58186	18.27	ug/l	97
61) 1,2-Dibromoethane	9.68	107	63609	19.26	ug/l	98
64) Tetrachloroethene	9.34	164	71224	19.21	ug/l	97
65) Chlorobenzene	10.14	112	173207	19.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62858	19.41	ug/l	98
67) Ethyl Benzene	10.26	91	301812	20.16	ug/l	99
68) m/p-Xylenes	10.36	106	231741	39.82	ug/l	100
69) o-Xylene	10.70	106	112348	19.40	ug/l	100
70) Styrene	10.71	104	185304	19.57	ug/l	99
71) Bromoform	10.86	173	44747	17.82	ug/l #	100
73) Isopropylbenzene	11.02	105	315653	19.95	ug/l	99
74) N-amyl acetate	6.47	43	142687	16.74	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	90083	18.10	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	88795m	17.79	ug/l	
77) Bromobenzene	11.26	156	81609	18.38	ug/l	99
78) n-propylbenzene	11.37	91	362558	20.62	ug/l	100
79) 2-Chlorotoluene	11.43	91	210678	18.98	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	264055	19.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21504	15.11	ug/l	89
82) 4-Chlorotoluene	11.51	91	248450	19.39	ug/l	100
83) tert-Butylbenzene	11.77	119	264807	20.04	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	273941	19.61	ug/l	99
85) sec-Butylbenzene	11.95	105	330049	21.31	ug/l	100
86) p-Isopropyltoluene	12.07	119	295054	20.91	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	155229	19.55	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	154912	18.93	ug/l	99
89) n-Butylbenzene	12.39	91	256228	21.65	ug/l	100
90) Hexachloroethane	12.60	117	40130	17.82	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	156674	19.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18774	17.25	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	114566	19.89	ug/l	99
94) Hexachlorobutadiene	13.79	225	65091	22.86	ug/l	99
95) Naphthalene	13.84	128	315045	19.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117546	20.01	ug/l	99

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

