

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002345.D
 Acq On : 06 Jun 2018 11:48
 Operator : JC/MD
 Sample : VX0606WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2018 11:36:13 AM

Quant Time: Jun 07 04:01:50 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	269850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	237067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184777	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	5.51	113	137996	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	8.72	98	546121	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.14	95	206353	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59504	21.21	ug/l	97
3) Chloromethane	1.32	50	66733	18.98	ug/l	99
4) Vinyl Chloride	1.41	62	73197	20.70	ug/l	98
5) Bromomethane	1.64	94	39257	17.45	ug/l	100
6) Chloroethane	1.73	64	48011	20.99	ug/l	98
7) Trichlorofluoromethane	1.93	101	121862	22.62	ug/l	98
8) Diethyl Ether	2.19	74	43482	21.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	70491	24.25	ug/l	99
10) Methyl Iodide	2.51	142	47584	11.64	ug/l	100
11) Tert butyl alcohol	3.06	59	82233	91.43	ug/l	98
12) 1,1-Dichloroethene	2.38	96	60543	21.08	ug/l	98
13) Acrolein	2.29	56	34419	83.33	ug/l	99
14) Allyl chloride	2.73	41	120433	19.32	ug/l	98
15) Acrylonitrile	3.15	53	180363	104.17	ug/l	99
16) Acetone	2.45	43	204389	112.62	ug/l	100
17) Carbon Disulfide	2.57	76	135101	17.84	ug/l	99
18) Methyl Acetate	2.78	43	85877	20.63	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	225914	21.21	ug/l	100
20) Methylene Chloride	2.86	84	68800	20.94	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	65017	20.52	ug/l	97
22) Diisopropyl ether	3.87	45	243181	22.53	ug/l	94
23) Vinyl Acetate	3.82	43	1042985	103.20	ug/l	100
24) 1,1-Dichloroethane	3.70	63	127836	20.75	ug/l	99
25) 2-Butanone	4.70	43	241994	91.46	ug/l	100
26) 1,2-Dichloropropane	4.59	77	86936	18.05	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	64229	18.64	ug/l	95
28) Bromochloromethane	5.02	49	57147	19.65	ug/l	98
29) Tetrahydrofuran	5.16	42	147957	86.73	ug/l	99
30) Chloroform	5.22	83	113702	19.12	ug/l	99
31) Cyclohexane	5.57	56	102105	20.96	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	96743	19.19	ug/l	99
36) 1,1-Dichloropropene	5.80	75	84131	20.96	ug/l	100
37) Ethyl Acetate	4.85	43	92011	19.06	ug/l	100
38) Carbon Tetrachloride	5.78	117	82251	19.59	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107379	21.81	ug/l	96
40) Benzene	6.15	78	247369	20.10	ug/l	98
41) Methacrylonitrile	5.06	41	52589	19.03	ug/l	99
42) 1,2-Dichloroethane	6.20	62	98236	20.09	ug/l	99
43) Isopropyl Acetate	6.46	43	152079	18.55	ug/l	100
44) Trichloroethene	7.21	130	70851	20.75	ug/l	94
45) 1,2-Dichloropropane	7.52	63	66189	19.92	ug/l	98
46) Dibromomethane	7.67	93	43395	19.27	ug/l	99
47) Bromodichloromethane	7.90	83	78002	19.15	ug/l	99
48) Methyl methacrylate	7.78	41	78922	19.17	ug/l	98
49) 1,4-Dioxane	7.76	88	28895	375.29	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	493109	96.59	ug/l	100
52) Toluene	8.79	92	162741	20.79	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	94843	19.42	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	85517	18.56	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	64916	20.17	ug/l	98
56) Ethyl methacrylate	9.18	69	98757	19.22	ug/l	99
57) 1,3-Dichloropropane	9.37	76	108480	20.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	246301	103.55	ug/l	100
59) 2-Hexanone	9.50	43	387590	98.29	ug/l	99
60) Dibromochloromethane	9.59	129	60720	18.75	ug/l	99
61) 1,2-Dibromoethane	9.68	107	67421	20.09	ug/l	98
64) Tetrachloroethene	9.34	164	78462	20.52	ug/l	95
65) Chlorobenzene	10.14	112	188750	20.46	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64775	19.39	ug/l	99
67) Ethyl Benzene	10.26	91	322670	20.90	ug/l	99
68) m/p-Xylenes	10.36	106	252683	42.10	ug/l	100
69) o-Xylene	10.70	106	122222	20.46	ug/l	98
70) Styrene	10.71	104	200642	20.55	ug/l	100
71) Bromoform	10.86	173	43900	17.12	ug/l #	99
73) Isopropylbenzene	11.02	105	335079	20.32	ug/l	100
74) N-amyl acetate	6.46	43	152079	17.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	94097	18.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	95252m	18.31	ug/l	
77) Bromobenzene	11.26	156	87969	19.00	ug/l	99
78) n-propylbenzene	11.37	91	386075	21.06	ug/l	99
79) 2-Chlorotoluene	11.43	91	226060	19.53	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	285746	20.20	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22519	15.17	ug/l	88
82) 4-Chlorotoluene	11.51	91	269633	20.18	ug/l	100
83) tert-Butylbenzene	11.77	119	280238	20.34	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	297299	20.42	ug/l	99
85) sec-Butylbenzene	11.95	105	351885	21.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	318795	21.67	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	167426	20.22	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168340	19.73	ug/l	100
89) n-Butylbenzene	12.39	91	274425	22.25	ug/l	100
90) Hexachloroethane	12.60	117	40980	17.45	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	167700	19.58	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19067	16.81	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	122850	20.46	ug/l	99
94) Hexachlorobutadiene	13.79	225	66743	22.49	ug/l	99
95) Naphthalene	13.84	128	336965	19.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125330	20.46	ug/l	100

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

