

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002323.D
 Acq On : 05 Jun 2018 23:57
 Operator : JC/MD
 Sample : VX0605WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/6/2018 4:10:45 PM

Quant Time: Jun 06 06:51:37 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	195736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	195780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	154653	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
35) Dibromofluoromethane	5.51	113	111606	42.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.12%	
50) Toluene-d8	8.72	98	424826	42.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.52%	
62) 4-Bromofluorobenzene	11.14	95	157726	40.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	29421	14.459	ug/l	99
3) Chloromethane	1.32	50	52249	20.730	ug/l	97
4) Vinyl Chloride	1.41	62	49892	19.456	ug/l	100
5) Bromomethane	1.64	94	38532	24.874	ug/l	99
6) Chloroethane	1.72	64	36759	22.160	ug/l	100
7) Trichlorofluoromethane	1.92	101	69734	17.848	ug/l	98
8) Diethyl Ether	2.19	74	37193	25.619	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33589	15.930	ug/l	99
10) Methyl Iodide	2.51	142	59389	20.025	ug/l	100
11) Tert butyl alcohol	3.08	59	76336	123.018	ug/l	97
12) 1,1-Dichloroethene	2.37	96	40555	19.463	ug/l	98
13) Acrolein	2.30	56	34751	119.965	ug/l	98
14) Allyl chloride	2.73	41	91236	20.176	ug/l	99
15) Acrylonitrile	3.15	53	162175	131.547	ug/l	100
16) Acetone	2.45	43	154311	118.070	ug/l	99
17) Carbon Disulfide	2.57	76	88068	16.036	ug/l	99
18) Methyl Acetate	2.78	43	79019	26.935	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	191476	25.202	ug/l	98
20) Methylene Chloride	2.86	84	58283	24.950	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	48028	20.901	ug/l	99
22) Diisopropyl ether	3.88	45	172683	22.026	ug/l	97
23) Vinyl Acetate	3.83	43	745778	101.733	ug/l	100
24) 1,1-Dichloroethane	3.70	63	101736	22.763	ug/l	100
25) 2-Butanone	4.71	43	207966	108.362	ug/l	100
26) 2,2-Dichloropropane	4.59	77	49381	14.134	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	51665	20.674	ug/l	98
28) Bromochloromethane	5.02	49	46996	22.786	ug/l	99
29) Tetrahydrofuran	5.17	42	136716	110.489	ug/l	100
30) Chloroform	5.22	83	91287	21.167	ug/l	99
31) Cyclohexane	5.57	56	51361	14.533	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	68602	18.756	ug/l	98
36) 1,1-Dichloropropene	5.80	75	56070	15.993	ug/l	99
37) Ethyl Acetate	4.87	43	82893	19.661	ug/l	100
38) Carbon Tetrachloride	5.79	117	54202	14.778	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	47830	11.247	ug/l	98
40) Benzene	6.15	78	197152	18.341	ug/l	100
41) Methacrylonitrile	5.07	41	45877	19.008	ug/l	98
42) 1,2-Dichloroethane	6.20	62	83960	19.659	ug/l	99
43) Isopropyl Acetate	6.47	43	131792	18.404	ug/l	100
44) Trichloroethene	7.22	130	53221	17.839	ug/l	100
45) 1,2-Dichloropropane	7.52	63	53900	18.573	ug/l	99
46) Dibromomethane	7.67	93	37141	18.879	ug/l	98
47) Bromodichloromethane	7.90	83	61064	17.162	ug/l	99
48) Methyl methacrylate	7.79	41	66868	18.589	ug/l	99
49) 1,4-Dioxane	7.76	88	28107	417.898	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	444059	99.573	ug/l	100
52) Toluene	8.79	92	125808	18.401	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	70173	16.446	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	64401	15.998	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	54247	19.292	ug/l	98
56) Ethyl methacrylate	9.18	69	81582	18.172	ug/l	99
57) 1,3-Dichloropropane	9.38	76	92076	19.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	192830	92.803	ug/l	99
59) 2-Hexanone	9.50	43	341113	99.027	ug/l	100
60) Dibromochloromethane	9.59	129	48692	17.216	ug/l	98
61) 1,2-Dibromoethane	9.68	107	56076	19.126	ug/l	99
64) Tetrachloroethene	9.34	164	55403	16.316	ug/l	97
65) Chlorobenzene	10.14	112	146197	17.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	51488	17.356	ug/l	98
67) Ethyl Benzene	10.26	91	238701	17.410	ug/l	100
68) m/p-Xylenes	10.37	106	184259	34.572	ug/l	100
69) o-Xylene	10.70	106	92449	17.431	ug/l	98
70) Styrene	10.71	104	153927	17.753	ug/l	99
71) Bromoform	10.86	173	34991	15.717	ug/l #	99
73) Isopropylbenzene	11.02	105	235840	17.317	ug/l	99
74) N-amyl acetate	6.47	43	131792	17.959	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	81171	18.950	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	80439m	18.724	ug/l	
77) Bromobenzene	11.26	156	68967	18.038	ug/l	99
78) n-propylbenzene	11.37	91	258030	17.046	ug/l	99
79) 2-Chlorotoluene	11.43	91	168966	17.677	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	204138	17.475	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16228	13.242	ug/l #	83
82) 4-Chlorotoluene	11.51	91	195386	17.710	ug/l	99
83) tert-Butylbenzene	11.77	119	192432	16.916	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	215199	17.896	ug/l	100
85) sec-Butylbenzene	11.95	105	219342	16.448	ug/l	100
86) p-Isopropyltoluene	12.07	119	198519	16.343	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	120299	17.597	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	123517	17.528	ug/l	99
89) n-Butylbenzene	12.39	91	154039	15.120	ug/l	99
90) Hexachloroethane	12.60	117	27760	14.316	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	129078	18.248	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16126	17.215	ug/l	99

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QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	81267	16.385	ug/l	98
94) Hexachlorobutadiene	13.79	225	34798	14.198	ug/l	99
95) Naphthalene	13.84	128	264547	18.564	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	89037	17.602	ug/l	99

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

