

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX003995.D
 Acq On : 13 Aug 2018 13:02
 Operator : JC/MD
 Sample : VX0813WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/14/2018 12:55:41 PM

Quant Time: Aug 14 04:05:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	310463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	424169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	258899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	209759	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	5.50	113	174812	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.72	98	662041	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	11.14	95	231944	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59348	18.86	ug/l	99
3) Chloromethane	1.32	50	74042	17.30	ug/l	99
4) Vinyl Chloride	1.40	62	80016	18.74	ug/l	99
5) Bromomethane	1.64	94	42167	15.51	ug/l	96
6) Chloroethane	1.73	64	55246	20.23	ug/l	98
7) Trichlorofluoromethane	1.93	101	113076	20.06	ug/l	98
8) Diethyl Ether	2.18	74	49697	19.62	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69103	19.62	ug/l	100
10) Methyl Iodide	2.51	142	57911	13.21	ug/l	99
11) Tert butyl alcohol	3.04	59	96279	97.36	ug/l	100
12) 1,1-Dichloroethene	2.38	96	64595	19.38	ug/l	95
13) Acrolein	2.29	56	33571	61.59	ug/l	100
14) Allyl chloride	2.73	41	124367	19.36	ug/l	98
15) Acrylonitrile	3.14	53	237800	100.77	ug/l	99
16) Acetone	2.43	43	240923	98.40	ug/l	99
17) Carbon Disulfide	2.57	76	168229	16.55	ug/l	99
18) Methyl Acetate	2.77	43	111185	20.86	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	244416	20.70	ug/l	100
20) Methylene Chloride	2.86	84	79363	13.37	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	73605	19.46	ug/l	98
22) Diisopropyl ether	3.87	45	260310	22.05	ug/l	97
23) Vinyl Acetate	3.82	43	1090582	111.01	ug/l	98
24) 1,1-Dichloroethane	3.70	63	146275	20.86	ug/l	100
25) 2-Butanone	4.70	43	378960	102.95	ug/l	100
26) 2,2-Dichloropropane	4.58	77	107042	21.16	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	83169	20.26	ug/l	99
28) Bromochloromethane	5.02	49	59500	19.82	ug/l	99
29) Tetrahydrofuran	5.15	42	189542	100.18	ug/l	99
30) Chloroform	5.21	83	140756	21.32	ug/l	97
31) Cyclohexane	5.58	56	109846	18.52	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	116545	21.05	ug/l	98
36) 1,1-Dichloropropene	5.80	75	100595	19.09	ug/l	99
37) Ethyl Acetate	4.85	43	113602	19.60	ug/l	100
38) Carbon Tetrachloride	5.78	117	100996	20.14	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	112699	18.14	ug/l	99
40) Benzene	6.15	78	312574	19.75	ug/l	99
41) Methacrylonitrile	5.06	41	62749	19.65	ug/l	99
42) 1,2-Dichloroethane	6.20	62	112443	21.01	ug/l	100
43) Isopropyl Acetate	6.46	43	175787	20.15	ug/l	99
44) Trichloroethene	7.21	130	85807	19.83	ug/l	95
45) 1,2-Dichloropropane	7.52	63	84035	20.56	ug/l	100
46) Dibromomethane	7.67	93	53760	20.26	ug/l	99
47) Bromodichloromethane	7.90	83	100822	20.17	ug/l	100
48) Methyl methacrylate	7.78	41	87295	19.69	ug/l	99
49) 1,4-Dioxane	7.76	88	39334	376.53	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	739501	102.27	ug/l	98
52) Toluene	8.79	92	202383	20.24	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	108831	19.27	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	121141	19.89	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	84402	20.66	ug/l	99
56) Ethyl methacrylate	9.18	69	113579	19.16	ug/l	99
57) 1,3-Dichloropropane	9.37	76	139683	20.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	282704	96.98	ug/l	99
59) 2-Hexanone	9.50	43	555451	102.76	ug/l	98
60) Dibromochloromethane	9.59	129	80645	21.17	ug/l	98
61) 1,2-Dibromoethane	9.67	107	84510	20.66	ug/l	99
64) Tetrachloroethene	9.34	164	79041	18.94	ug/l	92
65) Chlorobenzene	10.14	112	223697	20.27	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	77206	20.35	ug/l	99
67) Ethyl Benzene	10.25	91	354663	19.63	ug/l	94
68) m/p-Xylenes	10.36	106	279566	39.60	ug/l	98
69) o-Xylene	10.70	106	136274	20.45	ug/l	95
70) Styrene	10.71	104	221087	20.26	ug/l	98
71) Bromoform	10.86	173	59379	20.93	ug/l #	97
73) Isopropylbenzene	11.02	105	373656	19.51	ug/l	97
74) N-amyl acetate	6.46	43	175787	17.65	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	124177	18.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	113682m	19.88	ug/l	
77) Bromobenzene	11.26	156	97588	19.10	ug/l	100
78) n-propylbenzene	11.36	91	413399	19.22	ug/l	99
79) 2-Chlorotoluene	11.42	91	250062	19.07	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	306297	19.61	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32732	17.44	ug/l	97
82) 4-Chlorotoluene	11.51	91	289538	18.85	ug/l	100
83) tert-Butylbenzene	11.77	119	303159	19.73	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	324688	20.68	ug/l	98
85) sec-Butylbenzene	11.95	105	359298	19.82	ug/l	98
86) p-Isopropyltoluene	12.07	119	330659	20.32	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	181912	19.26	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	187787	19.17	ug/l	99
89) n-Butylbenzene	12.39	91	253921	17.91	ug/l	99
90) Hexachloroethane	12.60	117	44319	16.78	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	167819	17.93	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22221	16.52	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107882	16.02	ug/l	100
94) Hexachlorobutadiene	13.79	225	49858	15.81	ug/l	99
95) Naphthalene	13.83	128	323873	16.80	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112535	16.75	ug/l	99

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

