

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003448.D
 Acq On : 18 Jul 2018 15:35
 Operator : JC/MD
 Sample : VX0718WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/19/2018 1:04:15 PM

Quant Time: Jul 19 02:13:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	333598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	476080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	434641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	258804	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	208685	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	5.51	113	184104	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	8.72	98	692628	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.14	95	250281	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71334	18.94	ug/l	97
3) Chloromethane	1.32	50	72712	17.84	ug/l	99
4) Vinyl Chloride	1.40	62	80676	18.17	ug/l	99
5) Bromomethane	1.64	94	39464	23.14	ug/l	99
6) Chloroethane	1.72	64	48950	18.44	ug/l	100
7) Trichlorofluoromethane	1.93	101	110581	18.77	ug/l	98
8) Diethyl Ether	2.19	74	47082	18.68	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68815	18.49	ug/l	98
10) Methyl Iodide	2.51	142	70933	17.82	ug/l	94
11) Tert butyl alcohol	3.07	59	83217	84.70	ug/l	99
12) 1,1-Dichloroethene	2.37	96	63677	18.11	ug/l	88
13) Acrolein	2.29	56	48962	103.89	ug/l	100
14) Allyl chloride	2.73	41	116267	18.23	ug/l	87
15) Acrylonitrile	3.15	53	198660	88.26	ug/l	98
16) Acetone	2.45	43	155708	85.69	ug/l #	86
17) Carbon Disulfide	2.57	76	160054	16.59	ug/l	99
18) Methyl Acetate	2.78	43	121550	20.54	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	220351	18.87	ug/l	99
20) Methylene Chloride	2.86	84	80186	24.05	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	67872	17.87	ug/l	94
22) Diisopropyl ether	3.88	45	216496	17.50	ug/l	94
23) Vinyl Acetate	3.83	43	847625	83.07	ug/l	96
24) 1,1-Dichloroethane	3.70	63	129587	18.46	ug/l	99
25) 2-Butanone	4.72	43	258698	90.97	ug/l	94
26) 2,2-Dichloropropane	4.59	77	86909	17.64	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	80267	19.64	ug/l	92
28) Bromochloromethane	5.03	49	60384	19.81	ug/l	88
29) Tetrahydrofuran	5.17	42	162873	90.31	ug/l	91
30) Chloroform	5.21	83	123671	19.12	ug/l	97
31) Cyclohexane	5.57	56	103805	19.15	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	105967	19.26	ug/l	97
36) 1,1-Dichloropropene	5.80	75	94986	19.70	ug/l	98
37) Ethyl Acetate	4.87	43	96111	17.69	ug/l	96
38) Carbon Tetrachloride	5.78	117	93005	18.96	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103453	18.75	ug/l	93
40) Benzene	6.15	78	290002	19.77	ug/l	98
41) Methacrylonitrile	5.07	41	53735	17.99	ug/l	91
42) 1,2-Dichloroethane	6.20	62	95501	18.99	ug/l	94
43) Isopropyl Acetate	6.47	43	152996	18.66	ug/l #	92
44) Trichloroethene	7.21	130	83702	19.70	ug/l	100
45) 1,2-Dichloropropane	7.52	63	74010	19.40	ug/l	100
46) Dibromomethane	7.67	93	47815	18.82	ug/l	94
47) Bromodichloromethane	7.90	83	88616	19.05	ug/l	100
48) Methyl methacrylate	7.78	41	77456	18.52	ug/l #	84
49) 1,4-Dioxane	7.76	88	34262	357.73	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	500847	92.79	ug/l	91
52) Toluene	8.79	92	178516	19.44	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	105475	19.20	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	93815	18.71	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	75491	19.67	ug/l	97
56) Ethyl methacrylate	9.18	69	104565	19.25	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	120016	19.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	274057	100.60	ug/l	97
59) 2-Hexanone	9.50	43	379984	91.63	ug/l	89
60) Dibromochloromethane	9.59	129	72413	18.99	ug/l	98
61) 1,2-Dibromoethane	9.68	107	76610	19.37	ug/l	98
64) Tetrachloroethene	9.34	164	96585	21.24	ug/l	97
65) Chlorobenzene	10.14	112	207417	20.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	73707	20.19	ug/l	99
67) Ethyl Benzene	10.26	91	338110	20.15	ug/l	100
68) m/p-Xylenes	10.36	106	262803	40.48	ug/l	96
69) o-Xylene	10.70	106	128607	20.63	ug/l	97
70) Styrene	10.71	104	210317	20.50	ug/l	97
71) Bromoform	10.86	173	55053	18.75	ug/l	98
73) Isopropylbenzene	11.02	105	344007	20.76	ug/l	100
74) N-amyl acetate	6.47	43	152996	19.20	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	105962	19.37	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	107668m	22.98	ug/l	
77) Bromobenzene	11.26	156	94980	20.18	ug/l	98
78) n-propylbenzene	11.36	91	377958	20.42	ug/l	98
79) 2-Chlorotoluene	11.42	91	230255	20.29	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	282777	20.89	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	26693	18.51	ug/l	93
82) 4-Chlorotoluene	11.51	91	265545	20.05	ug/l	97
83) tert-Butylbenzene	11.77	119	275089	20.79	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	290081	20.86	ug/l	98
85) sec-Butylbenzene	11.95	105	332752	20.73	ug/l	99
86) p-Isopropyltoluene	12.07	119	297215	20.80	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	171640	19.93	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	172599	19.73	ug/l	100
89) n-Butylbenzene	12.39	91	240371	19.75	ug/l	99
90) Hexachloroethane	12.60	117	40641	18.77	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	174688	20.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21025	18.48	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121580	20.54	ug/l	99
94) Hexachlorobutadiene	13.79	225	57770	20.27	ug/l	99
95) Naphthalene	13.83	128	359133	21.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	123344	20.26	ug/l	99

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

