

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003920.D
 Acq On : 08 Aug 2018 13:45
 Operator : JC/MD
 Sample : VX0808WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 10:39:39 AM

Quant Time: Aug 09 03:48:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	337210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	495091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	465757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	274539	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	219956	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	5.51	113	180715	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.71	98	700534	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.14	95	256385	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66243	19.38	ug/l	99
3) Chloromethane	1.32	50	82339	17.71	ug/l	99
4) Vinyl Chloride	1.40	62	88402	19.07	ug/l	98
5) Bromomethane	1.64	94	54039	19.58	ug/l	100
6) Chloroethane	1.72	64	62059	20.92	ug/l	98
7) Trichlorofluoromethane	1.93	101	115200	18.82	ug/l	98
8) Diethyl Ether	2.19	74	53182	19.33	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72653	18.99	ug/l	99
10) Methyl Iodide	2.51	142	89138	18.73	ug/l	99
11) Tert butyl alcohol	3.07	59	102938	95.83	ug/l	98
12) 1,1-Dichloroethene	2.37	96	68373	18.89	ug/l	98
13) Acrolein	2.29	56	45767	78.25	ug/l	100
14) Allyl chloride	2.73	41	133610	19.15	ug/l	99
15) Acrylonitrile	3.15	53	242602	94.65	ug/l	100
16) Acetone	2.45	43	263668	99.15	ug/l	98
17) Carbon Disulfide	2.57	76	180560	17.89	ug/l	99
18) Methyl Acetate	2.78	43	112527	19.43	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	248388	19.37	ug/l	99
20) Methylene Chloride	2.86	84	82226	18.47	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	75517	18.38	ug/l	97
22) Diisopropyl ether	3.87	45	244571	19.07	ug/l	98
23) Vinyl Acetate	3.82	43	1029970	96.52	ug/l	99
24) 1,1-Dichloroethane	3.70	63	144555	18.98	ug/l	99
25) 2-Butanone	4.71	43	388688	97.21	ug/l	99
26) 2,2-Dichloropropane	4.59	77	109628	19.95	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	85246	19.12	ug/l	99
28) Bromochloromethane	5.02	49	67247	20.63	ug/l	100
29) Tetrahydrofuran	5.16	42	194544	94.67	ug/l	100
30) Chloroform	5.21	83	139905	19.51	ug/l	99
31) Cyclohexane	5.57	56	119447	18.54	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	117048	19.46	ug/l	99
36) 1,1-Dichloropropene	5.80	75	102132	18.42	ug/l	99
37) Ethyl Acetate	4.86	43	114982	18.85	ug/l	99
38) Carbon Tetrachloride	5.78	117	100425	19.03	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117837	18.02	ug/l	98
40) Benzene	6.14	78	320845	19.27	ug/l	100
41) Methacrylonitrile	5.06	41	62920	18.73	ug/l	98
42) 1,2-Dichloroethane	6.20	62	111544	19.81	ug/l	100
43) Isopropyl Acetate	6.46	43	171789	18.72	ug/l	100
44) Trichloroethene	7.21	130	85461	18.77	ug/l	92
45) 1,2-Dichloropropane	7.52	63	82309	19.14	ug/l	99
46) Dibromomethane	7.67	93	53285	19.09	ug/l	100
47) Bromodichloromethane	7.90	83	99634	18.95	ug/l	100
48) Methyl methacrylate	7.78	41	88274	18.92	ug/l	99
49) 1,4-Dioxane	7.76	88	42055	382.61	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	746566	98.12	ug/l	99
52) Toluene	8.79	92	204715	19.46	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	110727	18.63	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	122983	19.19	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	83292	19.37	ug/l	99
56) Ethyl methacrylate	9.18	69	117967	18.91	ug/l	99
57) 1,3-Dichloropropane	9.37	76	140562	19.54	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	308915	100.71	ug/l	99
59) 2-Hexanone	9.50	43	566318	99.58	ug/l	99
60) Dibromochloromethane	9.59	129	78390	19.56	ug/l	100
61) 1,2-Dibromoethane	9.67	107	86099	20.00	ug/l	99
64) Tetrachloroethene	9.34	164	80548	17.58	ug/l	94
65) Chlorobenzene	10.14	112	227809	18.80	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	79507	19.08	ug/l	99
67) Ethyl Benzene	10.25	91	377518	19.03	ug/l	98
68) m/p-Xylenes	10.36	106	299021	38.57	ug/l	97
69) o-Xylene	10.70	106	142999	19.54	ug/l	96
70) Styrene	10.71	104	237860	19.85	ug/l	98
71) Bromoform	10.86	173	59325	18.73	ug/l	98
73) Isopropylbenzene	11.02	105	383086	18.86	ug/l	97
74) N-amyl acetate	6.46	43	171789	16.27	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	129160	18.56	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	115603m	19.06	ug/l	
77) Bromobenzene	11.26	156	101981	18.82	ug/l	100
78) n-propylbenzene	11.36	91	437461	19.18	ug/l	100
79) 2-Chlorotoluene	11.42	91	261899	18.84	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	317236	19.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	35456	17.42	ug/l	96
82) 4-Chlorotoluene	11.51	91	306576	18.82	ug/l	100
83) tert-Butylbenzene	11.77	119	313156	19.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	328419	19.72	ug/l	99
85) sec-Butylbenzene	11.94	105	369869	19.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	332933	19.30	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	187361	18.71	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	190406	19.67	ug/l	99
89) n-Butylbenzene	12.39	91	253476	16.86	ug/l	99
90) Hexachloroethane	12.60	117	47047	16.79	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	174208	17.55	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22661	15.89	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	126096	17.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	57712	18.59	ug/l	97
95) Naphthalene	13.83	128	397672	19.45	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	134439	18.87	ug/l	99

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

