

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003918.D
 Acq On : 08 Aug 2018 12:52
 Operator : JC/MD
 Sample : VX0808WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 10:39:34 AM

Quant Time: Aug 09 03:42:15 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	5.66	168	380324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	537484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	508668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	248926	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	5.50	113	207423	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	8.71	98	821615	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.14	95	301173	58.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80754	20.95	ug/l	98
3) Chloromethane	1.32	50	96064	18.32	ug/l	100
4) Vinyl Chloride	1.40	62	105374	20.15	ug/l	99
5) Bromomethane	1.64	94	63473	20.59	ug/l	99
6) Chloroethane	1.72	64	69710	20.84	ug/l	100
7) Trichlorofluoromethane	1.93	101	141225	20.46	ug/l	100
8) Diethyl Ether	2.19	74	62555	20.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88833	20.58	ug/l	99
10) Methyl Iodide	2.51	142	102209	19.04	ug/l	100
11) Tert butyl alcohol	3.07	59	119049	98.27	ug/l	99
12) 1,1-Dichloroethene	2.37	96	82728	20.27	ug/l	95
13) Acrolein	2.29	56	47210	70.97	ug/l	100
14) Allyl chloride	2.73	41	159526	20.27	ug/l	100
15) Acrylonitrile	3.15	53	281004	97.21	ug/l	100
16) Acetone	2.45	43	298884	99.65	ug/l	100
17) Carbon Disulfide	2.57	76	222567	19.51	ug/l	99
18) Methyl Acetate	2.78	43	130692	20.01	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	293917	20.32	ug/l	99
20) Methylene Chloride	2.85	84	98442	19.72	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	90225	19.47	ug/l	99
22) Diisopropyl ether	3.87	45	289141	19.99	ug/l	99
23) Vinyl Acetate	3.82	43	1193398	99.16	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172822	20.11	ug/l	99
25) 2-Butanone	4.70	43	444753	98.63	ug/l	99
26) 2,2-Dichloropropane	4.59	77	132848	21.44	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	102786	20.44	ug/l	99
28) Bromochloromethane	5.02	49	81194	22.08	ug/l	98
29) Tetrahydrofuran	5.16	42	223576	96.46	ug/l	99
30) Chloroform	5.21	83	165550	20.47	ug/l	97
31) Cyclohexane	5.57	56	144898	19.94	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	142041	20.94	ug/l	99
36) 1,1-Dichloropropene	5.79	75	128656	21.37	ug/l	100
37) Ethyl Acetate	4.86	43	134720	20.34	ug/l	100
38) Carbon Tetrachloride	5.78	117	121592	21.22	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148469	20.92	ug/l	100
40) Benzene	6.14	78	386598	21.39	ug/l	99
41) Methacrylonitrile	5.06	41	73565	20.17	ug/l	98
42) 1,2-Dichloroethane	6.20	62	131818	21.57	ug/l	99
43) Isopropyl Acetate	6.46	43	203538	20.43	ug/l	100
44) Trichloroethene	7.21	130	104361	21.11	ug/l	92
45) 1,2-Dichloropropane	7.51	63	95880	20.54	ug/l	97
46) Dibromomethane	7.67	93	62503	20.62	ug/l	99
47) Bromodichloromethane	7.90	83	119095	20.86	ug/l	98
48) Methyl methacrylate	7.78	41	105504	20.83	ug/l	99
49) 1,4-Dioxane	7.76	88	50778	425.53	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	867157	104.98	ug/l	100
52) Toluene	8.79	92	247855	21.70	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135490	21.00	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	149050	21.42	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99052	21.22	ug/l	99
56) Ethyl methacrylate	9.18	69	143182	21.14	ug/l	100
57) 1,3-Dichloropropane	9.37	76	167352	21.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	364899	109.58	ug/l	100
59) 2-Hexanone	9.50	43	664851	107.68	ug/l	99
60) Dibromochloromethane	9.59	129	95037	21.84	ug/l	100
61) 1,2-Dibromoethane	9.67	107	102255	21.88	ug/l	99
64) Tetrachloroethene	9.34	164	97903	19.56	ug/l	93
65) Chlorobenzene	10.14	112	277550	20.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	94531	20.78	ug/l	99
67) Ethyl Benzene	10.25	91	461792	21.31	ug/l	96
68) m/p-Xylenes	10.36	106	367161	43.37	ug/l	97
69) o-Xylene	10.70	106	173002	21.65	ug/l	96
70) Styrene	10.71	104	292311	22.34	ug/l	97
71) Bromoform	10.86	173	71675	20.41	ug/l #	98
73) Isopropylbenzene	11.02	105	471858	22.00	ug/l	96
74) N-amyl acetate	6.46	43	203538	18.25	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	151858	20.66	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	130934m	20.44	ug/l	
77) Bromobenzene	11.26	156	122449	21.40	ug/l	100
78) n-propylbenzene	11.36	91	508179	21.10	ug/l	99
79) 2-Chlorotoluene	11.42	91	304049	20.70	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	375642	21.48	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	43123	19.72	ug/l	97
82) 4-Chlorotoluene	11.51	91	350563	20.37	ug/l	97
83) tert-Butylbenzene	11.77	119	365590	21.25	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	396117	22.52	ug/l	99
85) sec-Butylbenzene	11.95	105	454679	22.39	ug/l	99
86) p-Isopropyltoluene	12.07	119	409615	22.48	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	222806	21.06	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	225684	22.10	ug/l	100
89) n-Butylbenzene	12.39	91	319599	20.13	ug/l	99
90) Hexachloroethane	12.60	117	55285	18.69	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	204383	19.49	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28613	19.00	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	154031	20.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	76152	23.12	ug/l	98
95) Naphthalene	13.83	128	481926	22.31	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	167100	22.20	ug/l	99

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

