

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080318\
 Data File : VX003837.D
 Acq On : 02 Aug 2018 21:36
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 1:36:01 PM

Quant Time: Aug 03 02:28:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	166338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	155405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	70568	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
35) Dibromofluoromethane	5.51	113	65225	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.72	98	239951	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.14	95	87034	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57474	52.50	ug/l	98
3) Chloromethane	1.32	50	78541	48.94	ug/l	100
4) Vinyl Chloride	1.40	62	74067	50.84	ug/l	98
5) Bromomethane	1.64	94	33239	56.55	ug/l	99
6) Chloroethane	1.72	64	34393	43.35	ug/l #	84
7) Trichlorofluoromethane	1.92	101	97003	52.74	ug/l	100
8) Diethyl Ether	2.19	74	41155	49.81	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57886	50.25	ug/l	99
10) Methyl Iodide	2.51	142	85942	52.85	ug/l	98
11) Tert butyl alcohol	3.08	59	76413	230.77	ug/l	100
12) 1,1-Dichloroethene	2.37	96	57214	50.04	ug/l	97
13) Acrolein	2.29	56	68220	245.85	ug/l	96
14) Allyl chloride	2.72	41	108535	50.74	ug/l	97
15) Acrylonitrile	3.15	53	182867	232.06	ug/l	98
16) Acetone	2.45	43	178095	221.37	ug/l	95
17) Carbon Disulfide	2.56	76	164001	50.78	ug/l	100
18) Methyl Acetate	2.78	43	80007	48.24	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	196727	48.66	ug/l	96
20) Methylene Chloride	2.86	84	64273	45.42	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	61272	48.04	ug/l	91
22) Diisopropyl ether	3.87	45	199371	48.09	ug/l	97
23) Vinyl Acetate	3.82	43	866688	251.59	ug/l	97
24) 1,1-Dichloroethane	3.70	63	111805	48.25	ug/l	99
25) 2-Butanone	4.71	43	316863	231.80	ug/l	99
26) 2,2-Dichloropropane	4.58	77	69607	44.60	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	73858	50.43	ug/l	97
28) Bromochloromethane	5.02	49	53898	48.77	ug/l	97
29) Tetrahydrofuran	5.17	42	166555	238.34	ug/l	98
30) Chloroform	5.21	83	114333	47.23	ug/l	98
31) Cyclohexane	5.57	56	104994	54.03	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	99550	50.01	ug/l	99
36) 1,1-Dichloropropene	5.80	75	88448	49.96	ug/l	99
37) Ethyl Acetate	4.86	43	96900	46.78	ug/l	99
38) Carbon Tetrachloride	5.78	117	87049	49.54	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103056	52.80	ug/l	96
40) Benzene	6.15	78	263326	47.55	ug/l	100
41) Methacrylonitrile	5.07	41	55357	49.37	ug/l	99
42) 1,2-Dichloroethane	6.20	62	86862	46.72	ug/l	100
43) Isopropyl Acetate	6.47	43	148019	47.55	ug/l	99
44) Trichloroethene	7.21	130	72673	48.89	ug/l	99
45) 1,2-Dichloropropane	7.52	63	68388	47.55	ug/l	97
46) Dibromomethane	7.67	93	44045	47.46	ug/l	99
47) Bromodichloromethane	7.90	83	83697	48.07	ug/l	100
48) Methyl methacrylate	7.78	41	76627	48.86	ug/l	99
49) 1,4-Dioxane	7.76	88	36210	975.23	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	615189	236.90	ug/l	100
52) Toluene	8.79	92	167723	49.39	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	94694	49.84	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	102551	49.57	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	68000	47.04	ug/l	99
56) Ethyl methacrylate	9.18	69	104663	51.72	ug/l	98
57) 1,3-Dichloropropane	9.37	76	111544	47.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	262020	251.77	ug/l	100
59) 2-Hexanone	9.50	43	474547	238.50	ug/l	100
60) Dibromochloromethane	9.59	129	70073	49.52	ug/l	99
61) 1,2-Dibromoethane	9.68	107	71447	48.11	ug/l	100
64) Tetrachloroethene	9.34	164	70674	50.24	ug/l	99
65) Chlorobenzene	10.14	112	189251	49.41	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	67818	50.29	ug/l	99
67) Ethyl Benzene	10.26	91	320524	52.34	ug/l	100
68) m/p-Xylenes	10.36	106	254487	106.32	ug/l	98
69) o-Xylene	10.70	106	121633	52.71	ug/l	100
70) Styrene	10.71	104	205931	53.73	ug/l	100
71) Bromoform	10.86	173	56446	50.46	ug/l #	99
73) Isopropylbenzene	11.02	105	324187	52.74	ug/l	100
74) N-amyl acetate	6.47	43	148019	48.56	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	104840	46.81	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	91871m	47.55	ug/l	
77) Bromobenzene	11.26	156	88875	50.68	ug/l	99
78) n-propylbenzene	11.36	91	375715	54.03	ug/l	99
79) 2-Chlorotoluene	11.42	91	218879	50.91	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	276952	53.71	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	30697	50.08	ug/l	98
82) 4-Chlorotoluene	11.51	91	258893	52.05	ug/l	100
83) tert-Butylbenzene	11.77	119	276187	53.25	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	285015	53.44	ug/l	99
85) sec-Butylbenzene	11.95	105	325100	54.27	ug/l	100
86) p-Isopropyltoluene	12.07	119	297432	54.80	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	164689	50.52	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	167470	49.69	ug/l	100
89) n-Butylbenzene	12.39	91	252745	54.33	ug/l	99
90) Hexachloroethane	12.60	117	46039	52.37	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	163407	49.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23729	47.93	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	125123	53.03	ug/l	100
94) Hexachlorobutadiene	13.79	225	57564	51.68	ug/l	99
95) Naphthalene	13.83	128	375852	54.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127805	52.05	ug/l	100

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

