

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
 Data File : VX004212.D
 Acq On : 22 Aug 2018 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/23/2018 9:40:51 AM

Quant Time: Aug 23 07:51:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	338511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	508220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	446787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	287445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	216449	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	5.50	113	183121	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	704358	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	266438	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	207787	53.00	ug/l	98
3) Chloromethane	1.32	50	209481	48.35	ug/l	98
4) Vinyl Chloride	1.40	62	224472	50.61	ug/l	100
5) Bromomethane	1.64	94	103851	47.40	ug/l	96
6) Chloroethane	1.71	64	144292	45.70	ug/l	99
7) Trichlorofluoromethane	1.92	101	304265	50.06	ug/l	99
8) Diethyl Ether	2.19	74	131693	50.60	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	184619	48.49	ug/l	99
10) Methyl Iodide	2.51	142	186951	44.07	ug/l	99
11) Tert butyl alcohol	3.07	59	240931	256.18	ug/l	100
12) 1,1-Dichloroethene	2.37	96	179319	50.00	ug/l	97
13) Acrolein	2.29	56	58002	255.81	ug/l	100
14) Allyl chloride	2.72	41	322499	48.95	ug/l	99
15) Acrylonitrile	3.15	53	561019	240.87	ug/l	99
16) Acetone	2.45	43	456341	253.48	ug/l	98
17) Carbon Disulfide	2.57	76	483267	48.55	ug/l	99
18) Methyl Acetate	2.78	43	336684	51.42	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	608129	51.46	ug/l	100
20) Methylene Chloride	2.85	84	200683	47.25	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	190766	48.06	ug/l	95
22) Diisopropyl ether	3.87	45	616830	50.14	ug/l	94
23) Vinyl Acetate	3.82	43	2502715	251.01	ug/l	99
24) 1,1-Dichloroethane	3.69	63	342817	47.82	ug/l	99
25) 2-Butanone	4.70	43	749370	253.52	ug/l	99
26) 2,2-Dichloropropane	4.58	77	232879	41.41	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	222505	49.42	ug/l	98
28) Bromochloromethane	5.01	49	157805	49.72	ug/l	99
29) Tetrahydrofuran	5.16	42	477321	251.80	ug/l	98
30) Chloroform	5.21	83	354689	49.34	ug/l	99
31) Cyclohexane	5.57	56	315789	51.05	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	300464	50.13	ug/l	100
36) 1,1-Dichloropropene	5.79	75	272618	47.71	ug/l	99
37) Ethyl Acetate	4.85	43	276991	49.29	ug/l	99
38) Carbon Tetrachloride	5.78	117	263513	49.03	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	330987	50.74	ug/l	99
40) Benzene	6.14	78	829141	48.57	ug/l	100
41) Methacrylonitrile	5.06	41	161693	49.64	ug/l	99
42) 1,2-Dichloroethane	6.20	62	278004	47.74	ug/l	100
43) Isopropyl Acetate	6.46	43	446950	51.76	ug/l	99
44) Trichloroethene	7.21	130	224572	47.52	ug/l	98
45) 1,2-Dichloropropane	7.52	63	208989	48.91	ug/l	99
46) Dibromomethane	7.66	93	136932	48.13	ug/l	98
47) Bromodichloromethane	7.90	83	260784	49.26	ug/l	99
48) Methyl methacrylate	7.77	41	237080	51.31	ug/l	99
49) 1,4-Dioxane	7.76	88	107263	1022.56	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1488937	237.33	ug/l	99
52) Toluene	8.79	92	528477	49.45	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	296550	50.72	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	322863	50.69	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	212543	49.27	ug/l	98
56) Ethyl methacrylate	9.18	69	320332	54.55	ug/l	98
57) 1,3-Dichloropropane	9.37	76	357826	49.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	804297	267.29	ug/l	99
59) 2-Hexanone	9.50	43	1139372	238.06	ug/l	99
60) Dibromochloromethane	9.59	129	214128	50.95	ug/l	100
61) 1,2-Dibromoethane	9.67	107	222898	49.93	ug/l	100
64) Tetrachloroethene	9.34	164	216336	49.02	ug/l	99
65) Chlorobenzene	10.14	112	557053	49.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	201786	52.17	ug/l	96
67) Ethyl Benzene	10.26	91	959716	52.70	ug/l	100
68) m/p-Xylenes	10.36	106	751432	105.53	ug/l	95
69) o-Xylene	10.70	106	381907	56.70	ug/l	96
70) Styrene	10.71	104	587683	53.89	ug/l	98
71) Bromoform	10.86	173	158952	50.99	ug/l	99
73) Isopropylbenzene	11.02	105	1019870	54.02	ug/l	99
74) N-amyl acetate	10.90	43	394577	54.28	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	329241	49.83	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	293510m	50.21	ug/l	
77) Bromobenzene	11.26	156	268026	50.61	ug/l	98
78) n-propylbenzene	11.36	91	1183256	54.49	ug/l	100
79) 2-Chlorotoluene	11.42	91	686821	51.39	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	861457	55.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	91337	50.69	ug/l	97
82) 4-Chlorotoluene	11.51	91	806687	51.29	ug/l	99
83) tert-Butylbenzene	11.77	119	859043	54.61	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	905292	56.41	ug/l	100
85) sec-Butylbenzene	11.94	105	1009139	54.04	ug/l	100
86) p-Isopropyltoluene	12.07	119	915279	54.69	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	497581	49.90	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	508537	48.37	ug/l	100
89) n-Butylbenzene	12.39	91	721352	53.00	ug/l	99
90) Hexachloroethane	12.60	117	123031	52.59	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	472441	51.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60810	52.26	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	345079	52.04	ug/l	96
94) Hexachlorobutadiene	13.79	225	149391	48.43	ug/l	95
95) Naphthalene	13.83	128	1041454	55.53	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	368647	52.52	ug/l	98

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

