

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082818\
 Data File : VX004268.D
 Acq On : 28 Aug 2018 10:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/29/2018 5:51:18 PM

Quant Time: Aug 28 16:58:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 14:20:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	377790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	527561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	466245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	305917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	221146	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	
35) Dibromofluoromethane	5.50	113	196440	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.71	98	740158	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.14	95	273313	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	225016	51.42	ug/l	99
3) Chloromethane	1.32	50	221424	45.81	ug/l	99
4) Vinyl Chloride	1.41	62	239972	48.48	ug/l	100
5) Bromomethane	1.64	94	92961	37.60	ug/l	99
6) Chloroethane	1.71	64	154972	47.88	ug/l	98
7) Trichlorofluoromethane	1.93	101	333124	49.11	ug/l	99
8) Diethyl Ether	2.19	74	143328	49.34	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	210723	49.60	ug/l	99
10) Methyl Iodide	2.51	142	180934	38.79	ug/l	99
11) Tert butyl alcohol	3.07	59	249130	237.35	ug/l	99
12) 1,1-Dichloroethene	2.37	96	193520	48.35	ug/l	95
13) Acrolein	2.29	56	62396	246.58	ug/l	98
14) Allyl chloride	2.73	41	356468	48.48	ug/l	98
15) Acrylonitrile	3.15	53	595943	229.26	ug/l	99
16) Acetone	2.45	43	502629	250.06	ug/l	99
17) Carbon Disulfide	2.57	76	518339	46.69	ug/l	100
18) Methyl Acetate	2.78	43	384929	52.68	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	664593	50.39	ug/l	100
20) Methylene Chloride	2.85	84	219486	46.31	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	210102	47.43	ug/l	99
22) Diisopropyl ether	3.87	45	657225	47.87	ug/l	98
23) Vinyl Acetate	3.82	43	2668838	239.84	ug/l	99
24) 1,1-Dichloroethane	3.70	63	386583	48.32	ug/l	100
25) 2-Butanone	4.70	43	787953	238.69	ug/l	99
26) 2,2-Dichloropropane	4.58	77	316948	50.51	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	240682	47.90	ug/l	96
28) Bromochloromethane	5.02	49	164450	46.42	ug/l	97
29) Tetrahydrofuran	5.16	42	499392	236.05	ug/l	99
30) Chloroform	5.21	83	385902	48.10	ug/l	97
31) Cyclohexane	5.57	56	341297	49.44	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	329589	49.27	ug/l	100
36) 1,1-Dichloropropene	5.79	75	300456	50.66	ug/l	99
37) Ethyl Acetate	4.86	43	288912	49.53	ug/l	99
38) Carbon Tetrachloride	5.78	117	289248	51.84	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	356930	52.71	ug/l	98
40) Benzene	6.14	78	885597	49.97	ug/l	97
41) Methacrylonitrile	5.06	41	170960	50.56	ug/l	99
42) 1,2-Dichloroethane	6.20	62	295363	48.86	ug/l	99
43) Isopropyl Acetate	6.46	43	468657	52.29	ug/l	99
44) Trichloroethene	7.21	130	246352	50.22	ug/l	94
45) 1,2-Dichloropropane	7.52	63	226052	50.96	ug/l	99
46) Dibromomethane	7.66	93	145658	49.32	ug/l	98
47) Bromodichloromethane	7.90	83	287038	52.23	ug/l	100
48) Methyl methacrylate	7.77	41	249364	51.99	ug/l	98
49) 1,4-Dioxane	7.76	88	107587	988.04	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1567037	240.63	ug/l	99
52) Toluene	8.79	92	576218	51.94	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	330226	54.41	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	361203	54.63	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	230239	51.41	ug/l	98
56) Ethyl methacrylate	9.18	69	340339	55.83	ug/l	99
57) 1,3-Dichloropropane	9.37	76	384469	50.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	884597	283.20	ug/l	99
59) 2-Hexanone	9.50	43	1211672	243.88	ug/l	99
60) Dibromochloromethane	9.59	129	233970	53.63	ug/l	99
61) 1,2-Dibromoethane	9.68	107	236611	51.06	ug/l	100
64) Tetrachloroethene	9.34	164	245515	53.30	ug/l	96
65) Chlorobenzene	10.14	112	602861	51.52	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	215239	53.33	ug/l	98
67) Ethyl Benzene	10.25	91	1031527	54.28	ug/l	98
68) m/p-Xylenes	10.36	106	803867	108.18	ug/l	99
69) o-Xylene	10.70	106	397210	56.51	ug/l	96
70) Styrene	10.71	104	642145	56.42	ug/l	96
71) Bromoform	10.86	173	173561	53.35	ug/l	98
73) Isopropylbenzene	11.02	105	1071242	53.32	ug/l	96
74) N-amyl acetate	10.90	43	411885	53.24	ug/l	# 90
75) 1,1,2,2-Tetrachloroethane	11.27	83	348032	49.50	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	317821m	52.93	ug/l	
77) Bromobenzene	11.26	156	296940	52.68	ug/l	97
78) n-propylbenzene	11.36	91	1295728	56.07	ug/l	99
79) 2-Chlorotoluene	11.42	91	754459	53.04	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	932814	56.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	104193	54.34	ug/l	97
82) 4-Chlorotoluene	11.51	91	892986	53.35	ug/l	100
83) tert-Butylbenzene	11.77	119	937763	56.02	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	969195	56.74	ug/l	100
85) sec-Butylbenzene	11.95	105	1128701	56.79	ug/l	99
86) p-Isopropyltoluene	12.07	119	1012990	56.87	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	552289	52.05	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	563786	50.52	ug/l	99
89) n-Butylbenzene	12.39	91	817503	56.44	ug/l	98
90) Hexachloroethane	12.60	117	134932	54.20	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	509534	52.54	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63788	51.51	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	370563	52.51	ug/l	97
94) Hexachlorobutadiene	13.79	225	175352	53.42	ug/l	98
95) Naphthalene	13.83	128	1102480	55.24	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	393659	52.70	ug/l	99

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

