

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082718\
 Data File : VX004259.D
 Acq On : 27 Aug 2018 11:39
 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
 8/28/2018 3:54:15 PM

Quant Time: Aug 27 16:28:43 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	339710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	480277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	457967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	282161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	212034	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.50	113	181817	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	8.71	98	681261	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.13	95	252446	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	188147	47.82	ug/l	98
3) Chloromethane	1.32	50	188287	43.34	ug/l	99
4) Vinyl Chloride	1.40	62	201968	45.38	ug/l	98
5) Bromomethane	1.64	94	91292	41.26	ug/l	99
6) Chloroethane	1.72	64	131842	45.24	ug/l	98
7) Trichlorofluoromethane	1.92	101	278282	45.62	ug/l	97
8) Diethyl Ether	2.18	74	125738	48.14	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	176264	46.14	ug/l	99
10) Methyl Iodide	2.51	142	175120	41.42	ug/l	99
11) Tert butyl alcohol	3.06	59	221262	234.43	ug/l	100
12) 1,1-Dichloroethene	2.37	96	162050	45.03	ug/l	97
13) Acrolein	2.29	56	57387	252.20	ug/l	100
14) Allyl chloride	2.72	41	306471	46.35	ug/l	99
15) Acrylonitrile	3.14	53	529274	226.44	ug/l	100
16) Acetone	2.44	43	431728	238.49	ug/l	100
17) Carbon Disulfide	2.57	76	447836	44.89	ug/l	100
18) Methyl Acetate	2.78	43	334307	50.88	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	576417	48.60	ug/l	100
20) Methylene Chloride	2.86	84	190731	44.75	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	177192	44.48	ug/l	98
22) Diisopropyl ether	3.87	45	589158	47.72	ug/l	98
23) Vinyl Acetate	3.82	43	2419008	241.76	ug/l	100
24) 1,1-Dichloroethane	3.69	63	332919	46.27	ug/l	100
25) 2-Butanone	4.70	43	696836	234.70	ug/l	97
26) 2,2-Dichloropropane	4.58	77	264416	46.86	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	209282	46.32	ug/l	96
28) Bromochloromethane	5.01	49	153020	48.04	ug/l	98
29) Tetrahydrofuran	5.15	42	443801	233.29	ug/l	100
30) Chloroform	5.21	83	331157	45.91	ug/l	99
31) Cyclohexane	5.57	56	290884	46.86	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	279444	46.46	ug/l	100
36) 1,1-Dichloropropene	5.79	75	252605	46.78	ug/l	99
37) Ethyl Acetate	4.85	43	257392	48.47	ug/l	99
38) Carbon Tetrachloride	5.78	117	243661	47.97	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	304050	49.32	ug/l	98
40) Benzene	6.14	78	767721	47.59	ug/l	99
41) Methacrylonitrile	5.06	41	152317	49.49	ug/l	99
42) 1,2-Dichloroethane	6.20	62	261934	47.60	ug/l	100
43) Isopropyl Acetate	6.46	43	412548	50.56	ug/l	100
44) Trichloroethene	7.21	130	207206	46.40	ug/l	90
45) 1,2-Dichloropropane	7.51	63	197427	48.89	ug/l	100
46) Dibromomethane	7.66	93	129268	48.08	ug/l	99
47) Bromodichloromethane	7.90	83	251886	50.35	ug/l	99
48) Methyl methacrylate	7.77	41	221750	50.79	ug/l	99
49) 1,4-Dioxane	7.75	88	94793	956.25	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1382965	233.27	ug/l	99
52) Toluene	8.79	92	489494	48.47	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	291965	52.84	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	314904	52.32	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	202600	49.70	ug/l	99
56) Ethyl methacrylate	9.18	69	297507	53.61	ug/l	100
57) 1,3-Dichloropropane	9.37	76	338392	49.24	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	784320	275.81	ug/l	100
59) 2-Hexanone	9.49	43	1060084	234.38	ug/l	100
60) Dibromochloromethane	9.59	129	206994	52.11	ug/l	100
61) 1,2-Dibromoethane	9.67	107	211931	50.23	ug/l	99
64) Tetrachloroethene	9.34	164	203362	44.95	ug/l	95
65) Chlorobenzene	10.14	112	524524	45.64	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	185200	46.72	ug/l	97
67) Ethyl Benzene	10.25	91	874266	46.84	ug/l	96
68) m/p-Xylenes	10.36	106	701759	96.15	ug/l	96
69) o-Xylene	10.70	106	324814	47.05	ug/l	97
70) Styrene	10.71	104	544546	48.71	ug/l	98
71) Bromoform	10.86	173	148486	46.47	ug/l	99
73) Isopropylbenzene	11.02	105	884522	47.73	ug/l	95
74) N-amyl acetate	10.90	43	340481	47.72	ug/l	# 91
75) 1,1,2,2-Tetrachloroethane	11.27	83	291551	44.96	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	259700m	46.89	ug/l	
77) Bromobenzene	11.26	156	237514	45.69	ug/l	96
78) n-propylbenzene	11.36	91	1030394	48.34	ug/l	99
79) 2-Chlorotoluene	11.42	91	604938	46.11	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	754145	49.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	88910	50.27	ug/l	97
82) 4-Chlorotoluene	11.51	91	700547	45.38	ug/l	95
83) tert-Butylbenzene	11.77	119	775202	50.20	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	806599	51.20	ug/l	99
85) sec-Butylbenzene	11.94	105	947297	51.67	ug/l	99
86) p-Isopropyltoluene	12.07	119	880030	53.57	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	474840	48.51	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	484793	47.10	ug/l	99
89) n-Butylbenzene	12.39	91	726584	54.39	ug/l	99
90) Hexachloroethane	12.60	117	120708	52.57	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	473408	52.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56782	49.71	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	310038	47.64	ug/l	100
94) Hexachlorobutadiene	13.78	225	149583	49.40	ug/l	98
95) Naphthalene	13.83	128	942119	51.18	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	335133	48.64	ug/l	100

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

