

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002443.D
 Acq On : 11 Jun 2018 15:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/12/2018 4:50:32 PM

Quant Time: Jun 12 02:39:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	410383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	631990	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	632375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	409377	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	219721	36.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.02%	
35) Dibromofluoromethane	5.51	113	174691	35.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.30%	
50) Toluene-d8	8.72	98	680586	35.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.46%	
62) 4-Bromofluorobenzene	11.14	95	266306	36.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68435	16.04	ug/l	98
3) Chloromethane	1.32	50	105366	19.82	ug/l	98
4) Vinyl Chloride	1.41	62	107310	19.96	ug/l	99
5) Bromomethane	1.64	94	71177	21.49	ug/l	98
6) Chloroethane	1.71	64	79718	22.92	ug/l	98
7) Trichlorofluoromethane	1.93	101	166720	20.35	ug/l	98
8) Diethyl Ether	2.19	74	85507	28.33	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88254	19.96	ug/l	100
10) Methyl Iodide	2.51	142	120479	19.38	ug/l	99
11) Tert butyl alcohol	3.08	59	175702	137.15	ug/l	98
12) 1,1-Dichloroethene	2.37	96	91740	21.00	ug/l	98
13) Acrolein	2.29	56	75956	125.49	ug/l	99
14) Allyl chloride	2.73	41	220472	23.25	ug/l	99
15) Acrylonitrile	3.15	53	377357	147.10	ug/l	99
16) Acetone	2.45	43	415778	157.65	ug/l	99
17) Carbon Disulfide	2.57	76	212572	18.46	ug/l	100
18) Methyl Acetate	2.78	43	185733	30.54	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	457700	29.08	ug/l	99
20) Methylene Chloride	2.86	84	131650	27.11	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	108729	22.57	ug/l	100
22) Diisopropyl ether	3.88	45	416230	25.55	ug/l	99
23) Vinyl Acetate	3.83	43	1891666	123.08	ug/l	100
24) 1,1-Dichloroethane	3.70	63	233594	24.93	ug/l	98
25) 2-Butanone	4.71	43	518712	128.91	ug/l	99
26) 2,2-Dichloropropane	4.59	77	155788	21.27	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	121362	23.16	ug/l	95
28) Bromochloromethane	5.03	49	113412	26.81	ug/l	99
29) Tetrahydrofuran	5.17	42	321350	123.87	ug/l	99
30) Chloroform	5.22	83	220009	24.33	ug/l	98
31) Cyclohexane	5.57	56	131813	17.79	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	168090	21.92	ug/l	99
36) 1,1-Dichloropropene	5.80	75	129487	19.49	ug/l	98
37) Ethyl Acetate	4.87	43	198468	24.84	ug/l	99
38) Carbon Tetrachloride	5.79	117	138936	19.99	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	129627	15.97	ug/l	99
40) Benzene	6.15	78	458650	22.51	ug/l	100
41) Methacrylonitrile	5.07	41	111626	24.40	ug/l	98
42) 1,2-Dichloroethane	6.20	62	196489	24.28	ug/l	100
43) Isopropyl Acetate	6.47	43	332499	24.50	ug/l	100
44) Trichloroethene	7.22	130	122421	21.65	ug/l	98
45) 1,2-Dichloropropane	7.52	63	127823	23.24	ug/l	100
46) Dibromomethane	7.67	93	90749	24.34	ug/l	99
47) Bromodichloromethane	7.90	83	164284	24.36	ug/l	98
48) Methyl methacrylate	7.78	41	168809	24.76	ug/l	99
49) 1,4-Dioxane	7.76	88	66632	522.76	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1085388	128.43	ug/l	100
52) Toluene	8.79	92	295344	22.79	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	198843	24.59	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	190663	24.99	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	135883	25.50	ug/l	98
56) Ethyl methacrylate	9.18	69	212797	25.01	ug/l	98
57) 1,3-Dichloropropane	9.38	76	220742	24.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	501664	127.40	ug/l	100
59) 2-Hexanone	9.50	43	851445	130.43	ug/l	99
60) Dibromochloromethane	9.59	129	142078	26.51	ug/l	100
61) 1,2-Dibromoethane	9.68	107	140232	25.24	ug/l	99
64) Tetrachloroethene	9.34	164	123262	18.90	ug/l	98
65) Chlorobenzene	10.14	112	357878	22.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	136271	23.92	ug/l	99
67) Ethyl Benzene	10.26	91	576979	21.91	ug/l	100
68) m/p-Xylenes	10.37	106	448664	43.83	ug/l	100
69) o-Xylene	10.70	106	230656	22.64	ug/l	99
70) Styrene	10.71	104	394860	23.71	ug/l	99
71) Bromoform	10.86	173	112309	23.95	ug/l	100
73) Isopropylbenzene	11.02	105	578699	20.32	ug/l	100
74) N-amyl acetate	6.47	43	332499	21.67	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	208747	23.31	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	181131m	20.16	ug/l	
77) Bromobenzene	11.26	156	176260	22.05	ug/l	99
78) n-propylbenzene	11.37	91	652755	20.62	ug/l	99
79) 2-Chlorotoluene	11.43	91	416151	20.82	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	511174	20.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	59639	23.27	ug/l	98
82) 4-Chlorotoluene	11.51	91	498057	21.59	ug/l	99
83) tert-Butylbenzene	11.77	119	496352	20.87	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	539816	21.47	ug/l	99
85) sec-Butylbenzene	11.95	105	564154	20.23	ug/l	100
86) p-Isopropyltoluene	12.07	119	522659	20.58	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	316121	22.11	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	326488	22.16	ug/l	100
89) n-Butylbenzene	12.39	91	443674	20.83	ug/l	99
90) Hexachloroethane	12.60	117	84150	20.75	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	333868	22.57	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48843	24.94	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	235885	22.74	ug/l	100
94) Hexachlorobutadiene	13.79	225	101758	19.86	ug/l	99
95) Naphthalene	13.84	128	713894	23.96	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	244772	23.14	ug/l	99

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

