

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002859.D
 Acq On : 25 Jun 2018 12:14
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:26 PM

Quant Time: Jun 25 12:52:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	234341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182196	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	
35) Dibromofluoromethane	5.51	113	145710	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.72	98	539302	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.14	95	207385	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	119870	41.09	ug/l	99
3) Chloromethane	1.32	50	126819	36.55	ug/l	100
4) Vinyl Chloride	1.40	62	140106	38.91	ug/l	97
5) Bromomethane	1.64	94	68597	31.57	ug/l	99
6) Chloroethane	1.72	64	92219	38.86	ug/l	97
7) Trichlorofluoromethane	1.93	101	250713	42.86	ug/l	100
8) Diethyl Ether	2.19	74	90154	40.52	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140528	42.98	ug/l	99
10) Methyl Iodide	2.51	142	135608	33.68	ug/l	99
11) Tert butyl alcohol	3.08	59	182900	211.90	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125198	40.78	ug/l	97
13) Acrolein	2.29	56	99418	227.14	ug/l	99
14) Allyl chloride	2.73	41	253235	41.54	ug/l	99
15) Acrylonitrile	3.15	53	389057	206.56	ug/l	100
16) Acetone	2.45	43	379170	205.83	ug/l	100
17) Carbon Disulfide	2.57	76	329186	45.21	ug/l	100
18) Methyl Acetate	2.78	43	223797	45.60	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	468909	40.71	ug/l	99
20) Methylene Chloride	2.86	84	143434	37.97	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	136814	41.08	ug/l	97
22) Diisopropyl ether	3.87	45	489507	44.38	ug/l	96
23) Vinyl Acetate	3.83	43	2075517	224.85	ug/l	99
24) 1,1-Dichloroethane	3.70	63	262850	43.91	ug/l	99
25) 2-Butanone	4.71	43	567127	234.43	ug/l	98
26) 1,2-Dichloropropane	4.59	77	216394	50.31	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	156308	46.12	ug/l	100
28) Bromochloromethane	5.03	49	132280	47.19	ug/l	95
29) Tetrahydrofuran	5.17	42	360053	227.09	ug/l	98
30) Chloroform	5.22	83	273076	47.31	ug/l	96
31) Cyclohexane	5.58	56	227895	46.24	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	244153	50.57	ug/l	99
36) 1,1-Dichloropropene	5.80	75	196903	49.30	ug/l	99
37) Ethyl Acetate	4.87	43	215475	47.67	ug/l	100
38) Carbon Tetrachloride	5.79	117	220457	55.43	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232888	49.88	ug/l	98
40) Benzene	6.15	78	585432	48.89	ug/l	99
41) Methacrylonitrile	5.07	41	126047	49.39	ug/l	99
42) 1,2-Dichloroethane	6.20	62	232277	50.10	ug/l	100
43) Isopropyl Acetate	6.47	43	360395	48.12	ug/l	99
44) Trichloroethene	7.21	130	169940	49.17	ug/l	98
45) 1,2-Dichloropropane	7.52	63	149138	47.32	ug/l	99
46) Dibromomethane	7.67	93	107983	51.22	ug/l	98
47) Bromodichloromethane	7.90	83	204332	54.95	ug/l	98
48) Methyl methacrylate	7.78	41	193221	50.49	ug/l	98
49) 1,4-Dioxane	7.76	88	73614	1015.67	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1174075	244.15	ug/l	99
52) Toluene	8.79	92	380424	49.80	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	239185	54.67	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	226732	55.94	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154126	49.93	ug/l	98
56) Ethyl methacrylate	9.18	69	231438	48.72	ug/l	98
57) 1,3-Dichloropropane	9.38	76	253457	48.55	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	571561	248.77	ug/l	98
59) 2-Hexanone	9.50	43	904212	249.54	ug/l	98
60) Dibromochloromethane	9.59	129	171683	57.62	ug/l	100
61) 1,2-Dibromoethane	9.68	107	163991	51.30	ug/l	100
64) Tetrachloroethene	9.34	164	194615	48.16	ug/l	98
65) Chlorobenzene	10.14	112	439077	49.11	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	165167	54.19	ug/l	99
67) Ethyl Benzene	10.26	91	754201	50.01	ug/l	100
68) m/p-Xylenes	10.36	106	586533	100.83	ug/l	99
69) o-Xylene	10.70	106	285385	49.93	ug/l	99
70) Styrene	10.71	104	472264	50.25	ug/l	99
71) Bromoform	10.86	173	134992	58.93	ug/l #	99
73) Isopropylbenzene	11.02	105	779052	49.71	ug/l	100
74) N-amyl acetate	6.47	43	360395	46.28	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228351	49.34	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	205910m	46.56	ug/l	
77) Bromobenzene	11.26	156	215725	49.41	ug/l	97
78) n-propylbenzene	11.37	91	894616	49.77	ug/l	100
79) 2-Chlorotoluene	11.43	91	527434	49.15	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	665130	50.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	66068	56.52	ug/l	100
82) 4-Chlorotoluene	11.51	91	630540	49.79	ug/l	100
83) tert-Butylbenzene	11.77	119	649153	50.87	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	683552	50.58	ug/l	99
85) sec-Butylbenzene	11.95	105	790107	49.80	ug/l	99
86) p-Isopropyltoluene	12.07	119	724472	50.47	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	397480	49.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	399524	49.04	ug/l	99
89) n-Butylbenzene	12.39	91	621305	49.06	ug/l	99
90) Hexachloroethane	12.60	117	107558	54.28	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	399310	49.55	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54821	56.55	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	296105	50.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	148238	48.11	ug/l	100
95) Naphthalene	13.84	128	817259	51.92	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299229	50.94	ug/l	100

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

