

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002598.D
 Acq On : 15 Jun 2018 13:47
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:00 PM

Quant Time: Jun 15 14:53:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 13:16:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	224301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	503751	149.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.42%	
35) Dibromofluoromethane	5.51	113	410567	155.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.58%	
50) Toluene-d8	8.72	98	1535177	151.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.96%	
62) 4-Bromofluorobenzene	11.14	95	627894	161.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.40%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	382750	128.91	ug/l	100
4) Vinyl Chloride	1.40	62	379550	133.47	ug/l	100
5) Bromomethane	1.64	94	261882	115.86	ug/l	99
6) Chloroethane	1.70	64	262753	142.84	ug/l	99
7) Trichlorofluoromethane	1.92	101	559621	129.16	ug/l	99
8) Diethyl Ether	2.19	74	274029	155.26	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	283713	121.34	ug/l	100
10) Methyl Iodide	2.50	142	577203	175.51	ug/l	99
11) Tert butyl alcohol	3.11	59	541458	778.45	ug/l	99
12) 1,1-Dichloroethene	2.36	96	334045	144.56	ug/l	99
13) Acrolein	2.30	56	252719	754.29	ug/l	100
14) Allyl chloride	2.72	41	759233	151.40	ug/l	99
15) Acrylonitrile	3.16	53	1186125	801.18	ug/l	100
16) Acetone	2.46	43	1096254	706.27	ug/l	100
17) Carbon Disulfide	2.56	76	884100	145.16	ug/l	98
18) Methyl Acetate	2.78	43	606406	165.60	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1438922	157.20	ug/l	99
20) Methylene Chloride	2.86	84	432279	140.16	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	387030	151.88	ug/l	98
22) Diisopropyl ether	3.88	45	1381586	147.66	ug/l	99
23) Vinyl Acetate	3.83	43	5951682	732.12	ug/l	99
24) 1,1-Dichloroethane	3.70	63	678650	136.93	ug/l	99
25) 2-Butanone	4.72	43	1554881	730.59	ug/l	98
26) 2,2-Dichloropropane	4.59	77	531156	137.10	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	422463	152.44	ug/l	92
28) Bromochloromethane	5.03	49	335401	139.75	ug/l	95
29) Tetrahydrofuran	5.17	42	1017759	741.71	ug/l	97
30) Chloroform	5.22	83	734621	153.60	ug/l	98
31) Cyclohexane	5.57	56	451033	115.08	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	607086	149.67	ug/l	99
36) 1,1-Dichloropropene	5.80	75	484374	137.49	ug/l	99
37) Ethyl Acetate	4.87	43	627367	148.08	ug/l	100
38) Carbon Tetrachloride	5.78	117	514042	139.47	ug/l	100
39) Methylcyclohexane	7.46	83	450631	112.23	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	1584584	146.69	ug/l	100
41) Methacrylonitrile	5.07	41	355321	146.50	ug/l	98
42) 1,2-Dichloroethane	6.20	62	621819	144.89	ug/l	100
43) Isopropyl Acetate	6.47	43	1069843	148.67	ug/l	99
44) Trichloroethene	7.21	130	450282	150.20	ug/l	98
45) 1,2-Dichloropropane	7.52	63	421783	144.64	ug/l	100
46) Dibromomethane	7.67	93	294981	149.22	ug/l	98
47) Bromodichloromethane	7.90	83	571186	159.76	ug/l	99
48) Methyl methacrylate	7.79	41	553345	153.08	ug/l	98
49) 1,4-Dioxane	7.76	88	199586	2953.04	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	3488167	778.37	ug/l	99
52) Toluene	8.79	92	1047951	152.53	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	692389	161.49	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	672149	166.16	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	440465	155.88	ug/l	99
56) Ethyl methacrylate	9.19	69	727344	161.23	ug/l	98
57) 1,3-Dichloropropane	9.38	76	723273	152.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1683598	806.33	ug/l	99
59) 2-Hexanone	9.51	43	2682019	774.82	ug/l	98
60) Dibromochloromethane	9.59	129	503842	177.27	ug/l	100
61) 1,2-Dibromoethane	9.68	107	475288	161.32	ug/l	100
64) Tetrachloroethene	9.34	164	487245	139.61	ug/l	99
65) Chlorobenzene	10.14	112	1236417	146.84	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	474329	155.57	ug/l	100
67) Ethyl Benzene	10.26	91	2059422	146.15	ug/l	99
68) m/p-Xylenes	10.37	106	1644311	300.18	ug/l	98
69) o-Xylene	10.70	106	817851	150.03	ug/l	99
70) Stvrene	10.72	104	1435707	161.11	ug/l	100
71) Bromoform	10.86	173	429523	177.70	ug/l	100
73) Isopropylbenzene	11.02	105	2119149	135.81	ug/l	99
74) N-amyl acetate	6.47	43	1069843	127.25	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	679917	138.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	676043m	137.36	ug/l	
77) Bromobenzene	11.26	156	630500	143.93	ug/l	98
78) n-propylbenzene	11.37	91	2451061	141.33	ug/l	99
79) 2-Chlorotoluene	11.43	91	1501875	137.15	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1896519	141.71	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	216873	154.46	ug/l	97
82) 4-Chlorotoluene	11.52	91	1841183	145.66	ug/l	99
83) tert-Butylbenzene	11.77	119	1788763	137.25	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1962031	142.42	ug/l	99
85) sec-Butylbenzene	11.95	105	2113373	138.32	ug/l	99
86) p-Isopropyltoluene	12.07	119	1985954	142.70	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	1140031	145.55	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1158784	143.53	ug/l	99
89) n-Butylbenzene	12.39	91	1772141	151.83	ug/l	99
90) Hexachloroethane	12.60	117	337069	151.73	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1167956	144.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	162430	151.35	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	877452	154.42	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	383354	136.53	ug/l	99
95) Naphthalene	13.84	128	2416669	148.02	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	874773	150.95	ug/l	100

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

