

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002861.D
 Acq On : 25 Jun 2018 13:07
 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
 6/28/2018 2:26:27 PM

Quant Time: Jun 25 13:33:26 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	263066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	529033	132.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	264.68%	
35) Dibromofluoromethane	5.51	113	428129	146.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.58%	
50) Toluene-d8	8.72	98	1596002	144.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.24%	
62) 4-Bromofluorobenzene	11.14	95	649708	154.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	354272	126.86	ug/l	98
3) Chloromethane	1.32	50	357995	107.76	ug/l	100
4) Vinyl Chloride	1.41	62	421303	122.21	ug/l	99
5) Bromomethane	1.64	94	205212	98.66	ug/l	99
6) Chloroethane	1.70	64	246832	108.63	ug/l	100
7) Trichlorofluoromethane	1.92	101	711971	127.12	ug/l	99
8) Diethyl Ether	2.19	74	264920	124.36	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	406725	129.92	ug/l	98
10) Methyl Iodide	2.51	142	495889	128.63	ug/l	98
11) Tert butyl alcohol	3.10	59	548509	663.72	ug/l	100
12) 1,1-Dichloroethene	2.37	96	373207	126.97	ug/l	96
13) Acrolein	2.30	56	313081	747.09	ug/l	99
14) Allyl chloride	2.72	41	760667	130.33	ug/l	98
15) Acrylonitrile	3.16	53	1192044	661.01	ug/l	100
16) Acetone	2.46	43	1110121	629.43	ug/l	98
17) Carbon Disulfide	2.56	76	1013138	145.32	ug/l	98
18) Methyl Acetate	2.78	43	665324	141.60	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1390051	126.06	ug/l	100
20) Methylene Chloride	2.85	84	424093	117.27	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	405965	127.31	ug/l	97
22) Diisopropyl ether	3.88	45	1492871	141.38	ug/l	99
23) Vinyl Acetate	3.83	43	6291475	711.89	ug/l	99
24) 1,1-Dichloroethane	3.70	63	768025	134.01	ug/l	100
25) 2-Butanone	4.71	43	1719735	742.48	ug/l	98
26) 2,2-Dichloropropane	4.59	77	653588	158.72	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	467899	144.21	ug/l	95
28) Bromochloromethane	5.03	49	330974	123.32	ug/l	94
29) Tetrahydrofuran	5.17	42	1102844	726.51	ug/l	97
30) Chloroform	5.22	83	821682	148.68	ug/l	98
31) Cyclohexane	5.57	56	681582	144.45	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	748323	161.90	ug/l	99
36) 1,1-Dichloropropene	5.80	75	601439	154.96	ug/l	99
37) Ethyl Acetate	4.87	43	672222	153.02	ug/l	100
38) Carbon Tetrachloride	5.79	117	684692	177.16	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	706136	155.63	ug/l	97
40) Benzene	6.15	78	1741279	149.62	ug/l	100
41) Methacrylonitrile	5.07	41	388273	156.54	ug/l	99
42) 1,2-Dichloroethane	6.20	62	683426	151.68	ug/l	100
43) Isopropyl Acetate	6.47	43	1147543	157.67	ug/l	99
44) Trichloroethene	7.21	130	518237	154.28	ug/l	96
45) 1,2-Dichloropropane	7.52	63	455684	148.78	ug/l	100
46) Dibromomethane	7.66	93	320290	156.33	ug/l	97
47) Bromodichloromethane	7.90	83	643316	178.02	ug/l	100
48) Methyl methacrylate	7.78	41	607044	163.21	ug/l	98
49) 1,4-Dioxane	7.76	88	224781	3191.28	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	3680339	787.53	ug/l	98
52) Toluene	8.79	92	1159652	156.21	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	762212	179.26	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	745158	189.19	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	478554	159.53	ug/l	99
56) Ethyl methacrylate	9.19	69	757681	164.13	ug/l	96
57) 1,3-Dichloropropane	9.38	76	779540	153.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1777126	795.93	ug/l	98
59) 2-Hexanone	9.51	43	2845436	808.02	ug/l	97
60) Dibromochloromethane	9.59	129	563395	194.57	ug/l	99
61) 1,2-Dibromoethane	9.68	107	515420	165.90	ug/l	100
64) Tetrachloroethene	9.34	164	576841	145.66	ug/l	99
65) Chlorobenzene	10.14	112	1362555	155.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	527067	176.45	ug/l	99
67) Ethyl Benzene	10.26	91	2334606	157.97	ug/l	99
68) m/p-Xylenes	10.37	106	1830681	321.13	ug/l	98
69) o-Xylene	10.70	106	894895	159.78	ug/l	99
70) Styrene	10.72	104	1514633	164.44	ug/l	100
71) Bromoform	10.87	173	486249	216.61	ug/l	100
73) Isopropylbenzene	11.02	105	2455216	152.50	ug/l	100
74) N-amyl acetate	6.47	43	1147543	143.46	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	746115	156.93	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	626915m	138.01	ug/l	
77) Bromobenzene	11.26	156	693209	154.55	ug/l	97
78) n-propylbenzene	11.37	91	2826683	153.09	ug/l	99
79) 2-Chlorotoluene	11.43	91	1659443	150.53	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2125580	156.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	242017	201.56	ug/l	95
82) 4-Chlorotoluene	11.52	91	2023328	155.54	ug/l	99
83) tert-Butylbenzene	11.77	119	2106774	160.73	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	2189418	157.70	ug/l	99
85) sec-Butylbenzene	11.95	105	2535385	155.56	ug/l	99
86) p-Isopropyltoluene	12.07	119	2327913	157.86	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1283105	155.99	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1299968	155.32	ug/l	99
89) n-Butylbenzene	12.39	91	2081282	159.99	ug/l	99
90) Hexachloroethane	12.60	117	390150	191.69	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	1279195	154.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	185485	186.25	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	991083	164.95	ug/l	100
94) Hexachlorobutadiene	13.79	225	490720	155.04	ug/l	99
95) Naphthalene	13.84	128	2691742	166.48	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	978658	162.17	ug/l	100

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

