

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006593.D
 Acq On : 18 Dec 2018 12:57
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 11:22:09 AM

Quant Time: Dec 19 00:56:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:31:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	652279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	981048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	861082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	469951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	983789	139.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.88%	
35) Dibromofluoromethane	5.51	113	930611	150.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.00%	
50) Toluene-d8	8.71	98	3400472	145.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.78%	
62) 4-Bromofluorobenzene	11.14	95	1231938	143.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	829415	138.996	ug/l	99
3) Chloromethane	1.32	50	860313	133.822	ug/l	99
4) Vinyl Chloride	1.41	62	928362	138.267	ug/l	99
5) Bromomethane	1.64	94	907863	124.358	ug/l	99
6) Chloroethane	1.71	64	759504	163.368	ug/l	98
7) Trichlorofluoromethane	1.92	101	1507199	143.980	ug/l	99
8) Diethyl Ether	2.19	74	570127	137.123	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	870111	141.566	ug/l	99
10) Methyl Iodide	2.51	142	1356308	154.157	ug/l	99
11) Tert butyl alcohol	3.10	59	1149958	732.971	ug/l	98
12) 1,1-Dichloroethene	2.37	96	833907	143.088	ug/l	98
13) Acrolein	2.30	56	783467	740.244	ug/l	97
14) Allyl chloride	2.73	41	1456840	148.509	ug/l	100
15) Acrylonitrile	3.16	53	2541179	729.501	ug/l	100
16) Acetone	2.46	43	2128604	659.052	ug/l	98
17) Carbon Disulfide	2.56	76	2338498	151.625	ug/l	100
18) Methyl Acetate	2.78	43	1394013	146.783	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	2848050	147.240	ug/l	99
20) Methylene Chloride	2.85	84	910158	136.279	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	897750	139.028	ug/l	97
22) Diisopropyl ether	3.87	45	2613119	145.607	ug/l	94
23) Vinyl Acetate	3.82	43	10843708	738.693	ug/l	100
24) 1,1-Dichloroethane	3.70	63	1481529	138.290	ug/l	100
25) 2-Butanone	4.71	43	3096987	681.689	ug/l	100
26) 2,2-Dichloropropane	4.58	77	1239027	149.722	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	1020085	143.180	ug/l	99
28) Bromochloromethane	5.02	49	643654	130.675	ug/l	99
29) Tetrahydrofuran	5.16	42	2108177	704.549	ug/l	99
30) Chloroform	5.22	83	1587203	143.068	ug/l	100
31) Cyclohexane	5.57	56	1367439	140.500	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	1429493	152.599	ug/l	100
36) 1,1-Dichloropropene	5.80	75	1191395	146.627	ug/l	100
37) Ethyl Acetate	4.86	43	1225146	144.868	ug/l	99
38) Carbon Tetrachloride	5.78	117	1264445	160.126	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1547025	144.619	ug/l	98
40) Benzene	6.14	78	3590522	145.375	ug/l	100
41) Methacrylonitrile	5.07	41	679045	142.884	ug/l	99
42) 1,2-Dichloroethane	6.20	62	1191302	141.550	ug/l	100
43) Isopropyl Acetate	6.46	43	2010116	156.214	ug/l	100
44) Trichloroethene	7.21	130	1080346	144.520	ug/l	95
45) 1,2-Dichloropropane	7.51	63	899870	149.721	ug/l	98
46) Dibromomethane	7.66	93	654123	147.961	ug/l	98
47) Bromodichloromethane	7.90	83	1198511	163.291	ug/l	97
48) Methyl methacrylate	7.77	41	1003194	153.309	ug/l	99
49) 1,4-Dioxane	7.76	88	500432	2702.927	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	6043284	738.126	ug/l	99
52) Toluene	8.79	92	2349690	147.259	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1362494	173.086	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1474973	170.768	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	942538	144.314	ug/l	99
56) Ethyl methacrylate	9.18	69	1400219	151.688	ug/l	98
57) 1,3-Dichloropropane	9.37	76	1504638	143.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	3639628	741.743	ug/l	100
59) 2-Hexanone	9.50	43	4721509	753.720	ug/l	99
60) Dibromochloromethane	9.59	129	1055709	175.489	ug/l	99
61) 1,2-Dibromoethane	9.67	107	1033229	148.820	ug/l	99
64) Tetrachloroethene	9.34	164	1001242	146.843	ug/l	98
65) Chlorobenzene	10.14	112	2672634	146.711	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	972122	171.039	ug/l	100
67) Ethyl Benzene	10.25	91	4413963	148.280	ug/l	100
68) m/p-Xylenes	10.36	106	3536869	301.106	ug/l	98
69) o-Xylene	10.70	106	1723807	148.615	ug/l	100
70) Styrene	10.71	104	2809229	153.086	ug/l	100
71) Bromoform	10.86	173	845718	195.450	ug/l	99
73) Isopropylbenzene	11.02	105	4518293	140.537	ug/l	100
74) N-amyl acetate	10.90	43	1884095	163.721	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	1446167	151.248	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	1298714m	156.001	ug/l	
77) Bromobenzene	11.26	156	1239722	142.629	ug/l	99
78) n-propylbenzene	11.36	91	5089233	143.748	ug/l	100
79) 2-Chlorotoluene	11.42	91	2989022	139.315	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3827473	144.536	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	466178	191.193	ug/l	94
82) 4-Chlorotoluene	11.51	91	3548977	144.206	ug/l	100
83) tert-Butylbenzene	11.77	119	3966353	149.655	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	3897041	139.912	ug/l	99
85) sec-Butylbenzene	11.94	105	4669143	143.690	ug/l	99
86) p-Isopropyltoluene	12.07	119	4259018	149.104	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	2303302	147.034	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	2329224	144.871	ug/l	100
89) n-Butylbenzene	12.39	91	3806730	156.595	ug/l	100
90) Hexachloroethane	12.60	117	712245	183.047	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	2275564	145.213	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	329143	166.367	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	1706642	157.884	ug/l	100
94) Hexachlorobutadiene	13.78	225	773076	151.733	ug/l	99
95) Naphthalene	13.83	128	5152971	149.362	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1686169	151.082	ug/l	99

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

