

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
 Data File : VX011264.D
 Acq On : 01 Aug 2019 17:00
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:07:14 AM

Quant Time: Aug 02 01:44:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	230510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121205	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	238394	144.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.20%	
35) Dibromofluoromethane	5.49	113	222568	152.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.06%	
50) Toluene-d8	8.71	98	854714	155.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.96%	
62) 4-Bromofluorobenzene	11.13	95	328153	163.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	172808	124.128	ug/l	98
3) Chloromethane	1.32	50	187218	131.084	ug/l	100
4) Vinyl Chloride	1.40	62	211839	143.802	ug/l	99
5) Bromomethane	1.63	94	143627	162.015	ug/l	100
6) Chloroethane	1.70	64	130708	137.469	ug/l	98
7) Trichlorofluoromethane	1.91	101	392955	154.921	ug/l	100
8) Diethyl Ether	2.18	74	132705	151.446	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	203464	141.821	ug/l	99
10) Methyl Iodide	2.50	142	286572	152.707	ug/l	100
11) Tert butyl alcohol	3.06	59	240010	627.069	ug/l	99
12) 1,1-Dichloroethene	2.35	96	202972	144.621	ug/l	93
13) Acrolein	2.29	56	148799	673.556	ug/l	99
14) Allyl chloride	2.71	41	296677	145.728	ug/l	99
15) Acrylonitrile	3.14	53	569731	720.231	ug/l	99
16) Acetone	2.44	43	505718	667.824	ug/l	99
17) Carbon Disulfide	2.56	76	527783	147.842	ug/l	100
18) Methyl Acetate	2.77	43	248431	142.470	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	642472	142.398	ug/l	98
20) Methylene Chloride	2.85	84	226556	140.447	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	218210	145.336	ug/l	93
22) Diisopropyl ether	3.85	45	628110	145.990	ug/l	99
23) Vinyl Acetate	3.81	43	2842161	779.266	ug/l	100
24) 1,1-Dichloroethane	3.68	63	358852	143.007	ug/l	99
25) 2-Butanone	4.67	43	801872	735.645	ug/l	99
26) 2,2-Dichloropropane	4.57	77	301939	147.614	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	252260	145.463	ug/l	99
28) Bromochloromethane	5.01	49	160260	137.031	ug/l	100
29) Tetrahydrofuran	5.12	42	499610	724.794	ug/l	99
30) Chloroform	5.21	83	393488	144.962	ug/l	98
31) Cyclohexane	5.57	56	299667	133.202	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	356455	152.263	ug/l	100
36) 1,1-Dichloropropene	5.79	75	288633	150.764	ug/l	100
37) Ethyl Acetate	4.83	43	305426	157.237	ug/l	99
38) Carbon Tetrachloride	5.77	117	320259	160.824	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	341111	139.549	ug/l	98
40) Benzene	6.13	78	877862	149.708	ug/l	98
41) Methacrylonitrile	5.04	41	166903	149.682	ug/l	98
42) 1,2-Dichloroethane	6.18	62	297692	146.725	ug/l	99
43) Isopropyl Acetate	6.44	43	502671	157.023	ug/l	100
44) Trichloroethene	7.21	130	258948	148.981	ug/l	100
45) 1,2-Dichloropropane	7.51	63	219659	147.209	ug/l	97
46) Dibromomethane	7.66	93	164648	154.527	ug/l	99
47) Bromodichloromethane	7.90	83	310287	164.175	ug/l	100
48) Methyl methacrylate	7.77	41	248387	159.504	ug/l	98
49) 1,4-Dioxane	7.74	88	125285	2860.451	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1654481	794.608	ug/l	100
52) Toluene	8.78	92	596058	154.615	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	355325	175.296	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	377233	166.897	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	250682	157.887	ug/l	99
56) Ethyl methacrylate	9.18	69	385982	167.461	ug/l	98
57) 1,3-Dichloropropane	9.37	76	385134	153.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	892663	808.173	ug/l	100
59) 2-Hexanone	9.49	43	1272538	787.987	ug/l	99
60) Dibromochloromethane	9.58	129	291472	181.887	ug/l	99
61) 1,2-Dibromoethane	9.67	107	271305	160.928	ug/l	99
64) Tetrachloroethene	9.34	164	247367	137.782	ug/l	97
65) Chlorobenzene	10.13	112	680536	145.554	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	260421	159.082	ug/l	99
67) Ethyl Benzene	10.25	91	1184892	149.403	ug/l	99
68) m/p-Xylenes	10.36	106	932525	304.962	ug/l	99
69) o-Xylene	10.69	106	450919	151.593	ug/l	100
70) Styrene	10.71	104	795390	160.171	ug/l	98
71) Bromoform	10.85	173	233418	178.764	ug/l	100
73) Isopropylbenzene	11.02	105	1229796	148.643	ug/l	100
74) N-amyl acetate	10.90	43	488096	155.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	393734	145.328	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	317716m	143.917	ug/l	
77) Bromobenzene	11.26	156	330887	144.894	ug/l	97
78) n-propylbenzene	11.36	91	1391767	152.411	ug/l	99
79) 2-Chlorotoluene	11.42	91	796005	145.469	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1037215	150.675	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	133989	168.266	ug/l	96
82) 4-Chlorotoluene	11.51	91	952517	149.322	ug/l	99
83) tert-Butylbenzene	11.77	119	1029194	151.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1041880	149.611	ug/l	99
85) sec-Butylbenzene	11.94	105	1218541	153.099	ug/l	100
86) p-Isopropyltoluene	12.06	119	1148034	155.879	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	591193	148.753	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	599684	147.242	ug/l	99
89) n-Butylbenzene	12.38	91	1021573	162.160	ug/l	99
90) Hexachloroethane	12.60	117	193526	167.342	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	580450	147.205	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	89114	158.835	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	421480	158.185	ug/l	99
94) Hexachlorobutadiene	13.78	225	205349	154.946	ug/l	99
95) Naphthalene	13.83	128	1292002	164.066	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	423127	159.270	ug/l	100

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

