

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016425.D
 Acq On : 26 May 2020 14:24
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:27:32 PM

Quant Time: May 26 16:03:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	169976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	270005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	259238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	135879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	305435	135.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	270.46%	
35) Dibromofluoromethane	5.47	113	263268	152.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.12%	
50) Toluene-d8	8.70	98	977769	146.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.74%	
62) 4-Bromofluorobenzene	11.12	95	378866	150.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	222179	128.851	ug/l	98
3) Chloromethane	1.31	50	228676	112.368	ug/l	98
4) Vinyl Chloride	1.39	62	297634	132.546	ug/l	99
5) Bromomethane	1.62	94	429691	293.627	ug/l	97
6) Chloroethane	1.68	64	253075	181.525	ug/l	100
7) Trichlorofluoromethane	1.90	101	513392	168.085	ug/l	97
8) Diethyl Ether	2.17	74	207134	162.138	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	233785	140.125	ug/l	97
10) Methyl Iodide	2.48	142	300931	140.342	ug/l	95
11) Tert butyl alcohol	3.04	59	372227	673.949	ug/l	99
12) 1,1-Dichloroethene	2.35	96	242832	139.166	ug/l	96
13) Acrolein	2.27	56	180475	538.111	ug/l	99
14) Allyl chloride	2.70	41	384199	121.912	ug/l	98
15) Acrylonitrile	3.12	53	741695	644.663	ug/l	100
16) Acetone	2.42	43	613204	625.973	ug/l	100
17) Carbon Disulfide	2.54	76	705475	118.954	ug/l	99
18) Methyl Acetate	2.75	43	302746	125.778	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	843012	139.376	ug/l	98
20) Methylene Chloride	2.83	84	268734	131.801	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	277514	140.728	ug/l	96
22) Diisopropyl ether	3.82	45	782859	129.724	ug/l	99
23) Vinyl Acetate	3.79	43	3609998	681.187	ug/l	99
24) 1,1-Dichloroethane	3.67	63	458966	135.057	ug/l	98
25) 2-Butanone	4.64	43	1025520	648.897	ug/l	98
26) 2,2-Dichloropropane	4.55	77	414230	133.144	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	309661	143.116	ug/l	99
28) Bromochloromethane	4.98	49	210080	134.965	ug/l	99
29) Tetrahydrofuran	5.09	42	670428	641.091	ug/l	99
30) Chloroform	5.18	83	482796	141.305	ug/l	97
31) Cyclohexane	5.55	56	391669	129.018	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	450910	144.733	ug/l	99
36) 1,1-Dichloropropene	5.77	75	361982	137.045	ug/l	99
37) Ethyl Acetate	4.80	43	398654	132.330	ug/l	100
38) Carbon Tetrachloride	5.76	117	408106	151.355	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	408177	130.552	ug/l	98
40) Benzene	6.12	78	1069118	138.135	ug/l	99
41) Methacrylonitrile	5.01	41	211887	130.311	ug/l	98
42) 1,2-Dichloroethane	6.17	62	379245	136.206	ug/l	100
43) Isopropyl Acetate	6.42	43	641058	132.958	ug/l	100
44) Trichloroethene	7.19	130	345367	126.289	ug/l	96
45) 1,2-Dichloropropane	7.49	63	264268	135.923	ug/l	99
46) Dibromomethane	7.64	93	196269	146.030	ug/l	95
47) Bromodichloromethane	7.88	83	402126	148.144	ug/l	98
48) Methyl methacrylate	7.75	41	301660	132.790	ug/l	99
49) 1,4-Dioxane	7.72	88	155248	2807.289	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2066442	699.601	ug/l	99
52) Toluene	8.77	92	703055	145.102	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	460432	142.714	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	476071	141.872	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	291048	152.022	ug/l	97
56) Ethyl methacrylate	9.16	69	457687	148.762	ug/l	100
57) 1,3-Dichloropropane	9.35	76	463935	139.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1197955	732.784	ug/l	99
59) 2-Hexanone	9.48	43	1628964	701.631	ug/l	99
60) Dibromochloromethane	9.57	129	354911	167.358	ug/l	99
61) 1,2-Dibromoethane	9.66	107	318761	153.276	ug/l	98
64) Tetrachloroethene	9.32	164	386727	123.076	ug/l	95
65) Chlorobenzene	10.12	112	781734	144.403	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	306050	152.524	ug/l	99
67) Ethyl Benzene	10.24	91	1355475	141.201	ug/l	99
68) m/p-Xylenes	10.35	106	1089001	301.913	ug/l	98
69) o-Xylene	10.68	106	521346	150.062	ug/l	98
70) Styrene	10.70	104	912558	155.294	ug/l	98
71) Bromoform	10.84	173	283986	173.429	ug/l	100
73) Isopropylbenzene	11.01	105	1355194	138.233	ug/l	99
74) N-amyl acetate	10.88	43	582157	129.617	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	380855	211.540	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	400037m	131.556	ug/l	
77) Bromobenzene	11.24	156	365829	143.613	ug/l	97
78) n-propylbenzene	11.35	91	1521866	133.755	ug/l	100
79) 2-Chlorotoluene	11.41	91	911172	135.420	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1164230	140.727	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	180286	142.166	ug/l	98
82) 4-Chlorotoluene	11.49	91	1107256	139.225	ug/l	100
83) tert-Butylbenzene	11.76	119	1023295	143.601	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1155326	138.422	ug/l	99
85) sec-Butylbenzene	11.93	105	1266933	132.895	ug/l	100
86) p-Isopropyltoluene	12.05	119	1188028	134.553	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	652154	143.325	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	659486	142.717	ug/l	97
89) n-Butylbenzene	12.37	91	1039905	129.642	ug/l	99
90) Hexachloroethane	12.58	117	226774	148.591	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	631065	143.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108150	134.846	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	420928	131.832	ug/l	98
94) Hexachlorobutadiene	13.76	225	142749	99.980	ug/l	97
95) Naphthalene	13.82	128	1479152	141.451	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	394389	126.985	ug/l	99

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

