

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016057.D
 Acq On : 05 May 2020 12:41
 Operator : JC/SP
 Sample : L2182-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:27:19 PM

Quant Time: May 06 06:37:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:20:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	313323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	495860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	455831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	186970	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
35) Dibromofluoromethane	5.47	113	140828	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
50) Toluene-d8	8.70	98	554678	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
62) 4-Bromofluorobenzene	11.12	95	204724	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	7287	2.197	ug/l 98
3) Chloromethane	1.31	50	8748	2.271	ug/l 95
4) Vinyl Chloride	1.39	62	9499	2.312	ug/l 100
5) Bromomethane	1.63	94	6895	3.328	ug/l 98
6) Chloroethane	1.71	64	6397	2.559	ug/l 96
7) Trichlorofluoromethane	1.92	101	12977	2.406	ug/l 99
8) Diethyl Ether	2.17	74	5520	2.428	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7598	2.441	ug/l 98
10) Methyl Iodide	2.49	142	7847	1.877	ug/l 99
11) Tert butyl alcohol	3.01	59	12008	11.517	ug/l 96
12) 1,1-Dichloroethene	2.35	96	7869	2.416	ug/l 96
13) Acrolein	2.28	56	6990	10.714	ug/l 94
14) Allyl chloride	2.71	41	14104	2.362	ug/l 98
15) Acrylonitrile	3.12	53	24527	11.340	ug/l 99
16) Acetone	2.42	43	21843	11.873	ug/l 97
17) Carbon Disulfide	2.55	76	24854	2.242	ug/l 96
18) Methyl Acetate	2.75	43	10515	2.325	ug/l 97
19) Methyl tert-butyl Ether	3.17	73	26170	2.331	ug/l 97
20) Methylene Chloride	2.84	84	8991	2.371	ug/l 94
21) trans-1,2-Dichloroethene	3.14	96	9145	2.520	ug/l 88
22) Diisopropyl ether	3.82	45	26625	2.363	ug/l 99
23) Vinyl Acetate	3.79	43	109593	11.057	ug/l 99
24) 1,1-Dichloroethane	3.67	63	15090	2.394	ug/l 98
25) 2-Butanone	4.64	43	33627	11.344	ug/l 97
26) 2,2-Dichloropropane	4.55	77	13286	2.308	ug/l 99
27) cis-1,2-Dichloroethene	4.57	96	9083	2.289	ug/l 95
28) Bromochloromethane	4.98	49	6691	2.328	ug/l 99
29) Tetrahydrofuran	5.09	42	22270	11.338	ug/l 99
30) Chloroform	5.18	83	14831	2.363	ug/l 92
31) Cyclohexane	5.56	56	13539	2.364	ug/l 92
32) 1,1,1-Trichloroethane	5.47	97	13421	2.353	ug/l 97
36) 1,1-Dichloropropene	5.77	75	11363	2.328	ug/l 98
37) Ethyl Acetate	4.79	43	13274	2.346	ug/l 98
38) Carbon Tetrachloride	5.76	117	11687	2.356	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	13878	2.361	ug/l	93
40) Benzene	6.12	78	34050	2.384	ug/l	99
41) Methacrylonitrile	5.01	41	6937	2.271	ug/l	97
42) 1,2-Dichloroethane	6.17	62	12786	2.485	ug/l	99
43) Isopropyl Acetate	6.42	43	21271	2.357	ug/l	98
44) Trichloroethene	7.19	130	12247	2.414	ug/l	99
45) 1,2-Dichloropropane	7.49	63	8580	2.374	ug/l	97
46) Dibromomethane	7.64	93	5830	2.374	ug/l	98
47) Bromodichloromethane	7.88	83	11324	2.264	ug/l	95
48) Methyl methacrylate	7.74	41	9096	2.127	ug/l	92
49) 1,4-Dioxane	7.71	88	4780	46.598	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	61205	11.081	ug/l	99
52) Toluene	8.77	92	21161	2.377	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	13552	2.273	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	13999	2.247	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	8291	2.367	ug/l	94
56) Ethyl methacrylate	9.16	69	12356	2.161	ug/l	96
57) 1,3-Dichloropropane	9.35	76	14170	2.319	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.29	63	32581	10.705	ug/l	99
59) 2-Hexanone	9.48	43	47076	10.852	ug/l	98
60) Dibromochloromethane	9.57	129	8323	2.158	ug/l	100
61) 1,2-Dibromoethane	9.65	107	8841	2.330	ug/l	99
64) Tetrachloroethene	9.32	164	13925	2.488	ug/l	96
65) Chlorobenzene	10.12	112	22366	2.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	7957	2.256	ug/l	96
67) Ethyl Benzene	10.24	91	38871	2.283	ug/l	98
68) m/p-Xylenes	10.34	106	29108	4.562	ug/l	100
69) o-Xylene	10.68	106	14016	2.285	ug/l	96
70) Styrene	10.69	104	22165	2.130	ug/l	96
71) Bromoform	10.84	173	5882	2.047	ug/l #	99
73) Isopropylbenzene	11.01	105	37326	2.336	ug/l	99
74) N-amyl acetate	10.88	43	16079	2.158	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	6167	2.189	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	11524m	2.312	ug/l	
77) Bromobenzene	11.24	156	9627	2.335	ug/l	98
78) n-propylbenzene	11.35	91	43123	2.320	ug/l	99
79) 2-Chlorotoluene	11.41	91	25700	2.343	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	29355	2.176	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	4263	2.038	ug/l	89
82) 4-Chlorotoluene	11.49	91	29486	2.276	ug/l	98
83) tert-Butylbenzene	11.76	119	26078	2.243	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	30141	2.210	ug/l	100
85) sec-Butylbenzene	11.93	105	35023	2.232	ug/l	99
86) p-Isopropyltoluene	12.05	119	31522	2.163	ug/l	96
87) 1,3-Dichlorobenzene	12.01	146	16832	2.273	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	17514	2.331	ug/l	85
89) n-Butylbenzene	12.37	91	28485	2.140	ug/l	97
90) Hexachloroethane	12.58	117	5304	2.119	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	16431	2.305	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2945	2.242	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	11857	2.246	ug/l	93
94) Hexachlorobutadiene	13.77	225	5265	2.157	ug/l	97
95) Naphthalene	13.82	128	35959	2.104	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	11794	2.286	ug/l	95

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

