

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061553.D
 Acq On : 29 May 2020 00:46
 Operator : JC/MD
 Sample : L2182-08 5.00PPB L00
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:50:35 PM

Quant Time: May 29 07:45:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:45:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	289432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	525665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	489462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	195845	56.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.58%	
35) Dibromofluoromethane	7.55	113	147309	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
50) Toluene-d8	10.06	98	610358	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.38	95	210732	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	11090	3.666	ug/l	99
3) Chloromethane	2.03	50	18065	5.117	ug/l	96
4) Vinyl Chloride	2.16	62	24765	5.119	ug/l	100
5) Bromomethane	2.54	94	16322	5.880	ug/l	90
6) Chloroethane	2.67	64	16004	5.140	ug/l	99
7) Trichlorofluoromethane	2.98	101	31904	5.114	ug/l	100
8) Diethyl Ether	3.37	74	10155	5.324	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	14250	5.148	ug/l #	84
10) Methyl Iodide	3.90	142	18444	4.800	ug/l	100
11) Tert butyl alcohol	4.74	59	12559	27.381	ug/l #	90
12) 1,1-Dichloroethene	3.69	96	15377	5.199	ug/l	93
13) Acrolein	3.57	56	8161	46.406	ug/l	98
14) Allyl chloride	4.28	41	20634	5.337	ug/l	98
15) Acrylonitrile	4.93	53	33161	25.902	ug/l #	89
16) Acetone	3.77	43	30047	24.635	ug/l	97
17) Carbon Disulfide	4.01	76	35510	5.457	ug/l	95
18) Methyl Acetate	4.28	43	15300	4.901	ug/l #	73
19) Methyl tert-butyl Ether	4.99	73	53917	5.349	ug/l	98
20) Methylene Chloride	4.50	84	18353	4.341	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	16686	5.003	ug/l	96
22) Diisopropyl ether	5.91	45	45853	5.381	ug/l	97
23) Vinyl Acetate	5.85	43	177825	26.181	ug/l	96
24) 1,1-Dichloroethane	5.80	63	28229	5.224	ug/l	98
25) 2-Butanone	6.79	43	40944	25.053	ug/l	97
26) 2,2-Dichloropropane	6.78	77	21560	4.359	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	20485	5.424	ug/l	98
28) Bromochloromethane	7.15	49	5561	2.385	ug/l #	46
29) Tetrahydrofuran	7.17	42	26771	24.841	ug/l	99
30) Chloroform	7.33	83	32253	5.395	ug/l	99
31) Cyclohexane	7.62	56	27015	5.559	ug/l #	80
32) 1,1,1-Trichloroethane	7.53	97	28137	5.165	ug/l	97
36) 1,1-Dichloropropene	7.75	75	23048	4.953	ug/l	94
37) Ethyl Acetate	6.89	43	18441	4.920	ug/l #	86
38) Carbon Tetrachloride	7.73	117	19872	4.427	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	22997	4.009	ug/l	97
40) Benzene	8.00	78	69556	4.844	ug/l	95
41) Methacrylonitrile	7.14	41	9800m	5.707	ug/l	
42) 1,2-Dichloroethane	8.09	62	24722	5.143	ug/l	96
43) Isopropyl Acetate	8.13	43	32057	4.754	ug/l	99
44) Trichloroethene	8.80	130	19775	4.481	ug/l	99
45) 1,2-Dichloropropane	9.08	63	16733	4.908	ug/l	97
46) Dibromomethane	9.18	93	12085	4.622	ug/l	93
47) Bromodichloromethane	9.37	83	24810	4.789	ug/l	98
48) Methyl methacrylate	9.17	41	13943	4.596	ug/l	97
49) 1,4-Dioxane	9.17	88	4453	94.745	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	88724	23.349	ug/l	100
52) Toluene	10.12	92	44270	4.724	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	25423	4.555	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	27425	4.570	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	17957	4.810	ug/l	98
56) Ethyl methacrylate	10.40	69	23864	4.576	ug/l	98
57) 1,3-Dichloropropane	10.68	76	30077	5.037	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	51444	23.081	ug/l	100
59) 2-Hexanone	10.72	43	60529	22.180	ug/l	99
60) Dibromochloromethane	10.87	129	18637	4.391	ug/l	98
61) 1,2-Dibromoethane	10.98	107	17824	4.577	ug/l	98
64) Tetrachloroethene	10.60	164	19740	4.284	ug/l	93
65) Chlorobenzene	11.41	112	48658	4.783	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	16836	4.444	ug/l	98
67) Ethyl Benzene	11.49	91	82935	4.716	ug/l	100
68) m/p-Xylenes	11.60	106	61779	8.860	ug/l	95
69) o-Xylene	11.92	106	30674	4.632	ug/l	99
70) Styrene	11.94	104	48843	4.454	ug/l	98
71) Bromoform	12.10	173	10898	3.733	ug/l #	99
73) Isopropylbenzene	12.22	105	78112	5.012	ug/l	99
74) N-amyl acetate	12.05	43	24441	4.980	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	23537	5.389	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	20162m	5.192	ug/l	
77) Bromobenzene	12.50	156	19290	4.849	ug/l	91
78) n-propylbenzene	12.57	91	86533	4.973	ug/l	96
79) 2-Chlorotoluene	12.65	91	53174	5.125	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	64954	4.986	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	6187	4.075	ug/l #	88
82) 4-Chlorotoluene	12.75	91	54355	4.980	ug/l	100
83) tert-Butylbenzene	12.97	119	57239	4.973	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	65957	5.097	ug/l	98
85) sec-Butylbenzene	13.15	105	72280	4.874	ug/l	97
86) p-Isopropyltoluene	13.26	119	65231	4.776	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	33070	4.694	ug/l	95
88) 1,4-Dichlorobenzene	13.34	146	33983	4.735	ug/l	92
89) n-Butylbenzene	13.59	91	54161	4.734	ug/l	95
90) Hexachloroethane	13.85	117	7841	5.191	ug/l	90
91) 1,2-Dichlorobenzene	13.63	146	32808	4.873	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	4247	4.768	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	16182	4.110	ug/l	99
94) Hexachlorobutadiene	14.98	225	7422	4.420	ug/l	98
95) Naphthalene	15.11	128	51075	4.262	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	16643	4.299	ug/l	97

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

