

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061552.D
 Acq On : 29 May 2020 00:23
 Operator : JC/MD
 Sample : L2182-08 1.00PPB L00
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:50:33 PM

Quant Time: May 29 07:43:46 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	307598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	550555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	197760	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
35) Dibromofluoromethane	7.55	113	150821	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
50) Toluene-d8	10.06	98	613355	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
62) 4-Bromofluorobenzene	12.38	95	205634	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	2061	0.641	ug/l	92
3) Chloromethane	2.03	50	3354	0.894	ug/l #	81
4) Vinyl Chloride	2.16	62	4255	0.828	ug/l	93
6) Chloroethane	2.67	64	3133	0.947	ug/l #	81
7) Trichlorofluoromethane	2.98	101	5156	0.778	ug/l	93
8) Diethyl Ether	3.37	74	1906	0.940	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	2526	0.859	ug/l	93
12) 1,1-Dichloroethene	3.70	96	3025	0.962	ug/l	86
14) Allyl chloride	4.28	41	4093	0.996	ug/l #	68
15) Acrylonitrile	4.93	53	6062	4.455	ug/l #	71
16) Acetone	3.78	43	6948	5.360	ug/l	92
17) Carbon Disulfide	4.00	76	7291	1.054	ug/l	99
18) Methyl Acetate	4.27	43	2879	0.868	ug/l #	74
19) Methyl tert-butyl Ether	5.00	73	9701	0.906	ug/l #	81
20) Methylene Chloride	4.51	84	3587	0.798	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	3521	0.993	ug/l #	80
22) Diisopropyl ether	5.90	45	8091m	0.893	ug/l	
23) Vinyl Acetate	5.85	43	29239	4.051	ug/l	97
24) 1,1-Dichloroethane	5.80	63	5226	0.910	ug/l #	81
25) 2-Butanone	6.79	43	7486	4.310	ug/l	95
26) 2,2-Dichloropropane	6.77	77	4229	0.805	ug/l #	63
27) cis-1,2-Dichloroethene	6.78	96	3913	0.975	ug/l	92
28) Bromochloromethane	7.15	49	948	0.383	ug/l #	39
29) Tetrahydrofuran	7.17	42	5192	4.533	ug/l	94
30) Chloroform	7.33	83	5447	0.857	ug/l #	74
32) 1,1,1-Trichloroethane	7.53	97	4581	0.791	ug/l #	48
36) 1,1-Dichloropropene	7.75	75	4189	0.859	ug/l	96
37) Ethyl Acetate	6.89	43	3658	0.932	ug/l #	78
38) Carbon Tetrachloride	7.73	117	3232	0.687	ug/l #	82
39) Methylcyclohexane	9.04	83	5016	0.835	ug/l #	85
40) Benzene	8.00	78	12765	0.849	ug/l	98
41) Methacrylonitrile	7.13	41	1685	0.937	ug/l #	60
42) 1,2-Dichloroethane	8.09	62	4960	0.985	ug/l	83
43) Isopropyl Acetate	8.13	43	5783	0.819	ug/l #	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	3768	0.815	ug/l	95
45) 1,2-Dichloropropane	9.09	63	3048	0.854	ug/l	89
46) Dibromomethane	9.18	93	2306	0.842	ug/l #	65
47) Bromodichloromethane	9.37	83	4164	0.767	ug/l #	89
48) Methyl methacrylate	9.17	41	2690	0.847	ug/l	93
49) 1,4-Dioxane	9.17	88	973	19.766	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	15405	3.871	ug/l	97
52) Toluene	10.13	92	7831	0.798	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	4235	0.725	ug/l #	82
54) cis-1,3-Dichloropropene	9.81	75	4571	0.727	ug/l	90
55) 1,1,2-Trichloroethane	10.54	97	2839	0.726	ug/l	96
56) Ethyl methacrylate	10.40	69	3676	0.673	ug/l #	88
57) 1,3-Dichloropropane	10.68	76	4945	0.791	ug/l #	88
58) 2-Chloroethyl Vinyl ether	9.67	63	8697	3.726	ug/l	99
59) 2-Hexanone	10.72	43	10489	3.670	ug/l	95
60) Dibromochloromethane	10.87	129	2995	0.674	ug/l	99
61) 1,2-Dibromoethane	10.98	107	3156	0.774	ug/l	97
64) Tetrachloroethene	10.60	164	3938	0.840	ug/l	95
65) Chlorobenzene	11.41	112	8672	0.838	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.49	131	2728	0.708	ug/l #	59
67) Ethyl Benzene	11.49	91	14706	0.822	ug/l	99
68) m/p-Xylenes	11.60	106	11463	1.616	ug/l	98
69) o-Xylene	11.92	106	5433	0.806	ug/l	92
70) Styrene	11.94	104	7635	0.684	ug/l	92
71) Bromoform	12.10	173	1656	0.557	ug/l #	87
73) Isopropylbenzene	12.22	105	14075	0.928	ug/l	99
74) N-amyl acetate	12.05	43	3371	0.706	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	3864	0.909	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	4044m	1.070	ug/l	
77) Bromobenzene	12.50	156	3392	0.876	ug/l	80
78) n-propylbenzene	12.57	91	15271	0.902	ug/l	96
79) 2-Chlorotoluene	12.65	91	9813	0.972	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	11256	0.888	ug/l	97
82) 4-Chlorotoluene	12.75	91	10096	0.951	ug/l	95
83) tert-Butylbenzene	12.97	119	10010	0.894	ug/l	93
84) 1,2,4-Trimethylbenzene	13.01	105	10752	0.854	ug/l	98
85) sec-Butylbenzene	13.15	105	13061	0.905	ug/l	94
86) p-Isopropyltoluene	13.26	119	10826	0.815	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	6106	0.891	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	6634m	0.950	ug/l	
89) n-Butylbenzene	13.59	91	9075	0.815	ug/l	98
90) Hexachloroethane	13.85	117	1028	0.699	ug/l	71
91) 1,2-Dichlorobenzene	13.63	146	6019	0.919	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	650	0.750	ug/l	84
93) 1,2,4-Trichlorobenzene	14.89	180	2817	0.735	ug/l	89
94) Hexachlorobutadiene	14.99	225	1344	0.823	ug/l	90
95) Naphthalene	15.11	128	9324	0.800	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	3176	0.843	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

