

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061125.D
 Acq On : 22 Apr 2020 13:09
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 11:35:56 AM

Quant Time: Apr 22 15:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 14:48:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	216184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	348340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	319099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	144019	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.72	85	1676	0.685	ug/l	100
3) Chloromethane	1.91	50	2510	0.697	ug/l	98
4) Vinyl Chloride	2.03	62	2827	0.895	ug/l	98
6) Chloroethane	2.52	64	1561	0.873	ug/l	95
7) Trichlorofluoromethane	2.82	101	3201	0.839	ug/l	94
8) Diethyl Ether	3.18	74	1540	0.993	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.50	101	1927	0.834	ug/l #	82
12) 1,1-Dichloroethene	3.48	96	2308	0.991	ug/l	86
14) Allyl chloride	4.02	41	4030	0.949	ug/l	95
15) Acrylonitrile	4.64	53	4802	3.687	ug/l	95
16) Acetone	3.55	43	14617	12.437	ug/l	99
17) Carbon Disulfide	3.79	76	6720	0.923	ug/l	96
18) Methyl Acetate	4.02	43	4739	1.270	ug/l	91
19) Methyl tert-butyl Ether	4.69	73	7622	0.934	ug/l	100
20) Methylene Chloride	4.23	84	2727	1.038	ug/l	90
21) trans-1,2-Dichloroethene	4.69	96	3233	1.283	ug/l #	80
22) Diisopropyl ether	5.61	45	7531	0.829	ug/l	96
23) Vinyl Acetate	5.55	43	28468	3.974	ug/l	100
24) 1,1-Dichloroethane	5.50	63	4056	0.822	ug/l #	84
25) 2-Butanone	6.50	43	7129	3.917	ug/l	95
26) 2,2-Dichloropropane	6.50	77	3868	0.934	ug/l	94
27) cis-1,2-Dichloroethene	6.50	96	3256	1.128	ug/l	82
28) Bromochloromethane	6.89	49	1576	0.707	ug/l #	90
29) Tetrahydrofuran	6.90	42	4839	3.905	ug/l	97
30) Chloroform	7.08	83	4176	0.896	ug/l	98
32) 1,1,1-Trichloroethane	7.29	97	3877	0.959	ug/l #	51
36) 1,1-Dichloropropene	7.52	75	3358	0.941	ug/l	92
37) Ethyl Acetate	6.61	43	3452	0.898	ug/l #	76
38) Carbon Tetrachloride	7.50	117	2610	0.875	ug/l	89
39) Methylcyclohexane	8.85	83	3941	0.922	ug/l	88
40) Benzene	7.78	78	10116	0.956	ug/l	97
41) Methacrylonitrile	6.86	41	1243	0.763	ug/l #	37
42) 1,2-Dichloroethane	7.86	62	3504	0.967	ug/l	81
43) Isopropyl Acetate	7.91	43	5633	0.900	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.60	130	3005	1.102	ug/l	91
45) 1,2-Dichloropropane	8.89	63	2797	0.982	ug/l	92
46) Dibromomethane	8.98	93	1693	1.014	ug/l	94
47) Bromodichloromethane	9.18	83	3005	0.859	ug/l #	97
48) Methyl methacrylate	8.98	41	2694	0.966	ug/l	89
49) 1,4-Dioxane	8.97	88	1734	51.255	ug/l #	88
51) 4-Methyl-2-Pentanone	9.78	43	15609	4.310	ug/l	96
52) Toluene	9.95	92	6120	0.958	ug/l	98
53) t-1,3-Dichloropropene	10.18	75	4083	1.004	ug/l	93
54) cis-1,3-Dichloropropene	9.63	75	4038	0.913	ug/l #	87
55) 1,1,2-Trichloroethane	10.36	97	2384	0.985	ug/l	97
56) Ethyl methacrylate	10.23	69	3175	0.839	ug/l #	81
57) 1,3-Dichloropropane	10.51	76	3967	0.925	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.49	63	8210	4.569	ug/l	100
59) 2-Hexanone	10.55	43	10986	4.195	ug/l	96
60) Dibromochloromethane	10.70	129	2255	0.903	ug/l	98
61) 1,2-Dibromoethane	10.80	107	2255	0.909	ug/l	95
64) Tetrachloroethene	10.43	164	3621	1.405	ug/l	93
65) Chlorobenzene	11.24	112	6436	0.976	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	2118	0.896	ug/l #	58
67) Ethyl Benzene	11.32	91	11924	0.963	ug/l	100
68) m/p-Xylenes	11.43	106	8550	1.900	ug/l	96
69) o-Xylene	11.75	106	4426	1.023	ug/l	91
70) Styrene	11.77	104	6331	0.909	ug/l	97
71) Bromoform	11.93	173	1379	0.782	ug/l #	90
73) Isopropylbenzene	12.06	105	11106	0.966	ug/l	98
74) N-amyl acetate	11.89	43	4834	0.911	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.32	83	2932	0.854	ug/l	92
76) 1,2,3-Trichloropropane	12.36	75	3312m	1.029	ug/l	
77) Bromobenzene	12.33	156	2649	0.979	ug/l	95
78) n-propylbenzene	12.40	91	12755	0.952	ug/l	100
79) 2-Chlorotoluene	12.48	91	7478	0.951	ug/l	97
80) 1,3,5-Trimethylbenzene	12.55	105	9215	0.971	ug/l	99
82) 4-Chlorotoluene	12.58	91	8153	1.000	ug/l	95
83) tert-Butylbenzene	12.80	119	7671	0.957	ug/l	98
84) 1,2,4-Trimethylbenzene	12.85	105	9242	0.984	ug/l	98
85) sec-Butylbenzene	12.98	105	10496	0.970	ug/l	99
86) p-Isopropyltoluene	13.10	119	9296	0.962	ug/l	98
87) 1,3-Dichlorobenzene	13.09	146	4758	0.992	ug/l	97
88) 1,4-Dichlorobenzene	13.17	146	4962m	1.026	ug/l	
89) n-Butylbenzene	13.43	91	8552	0.956	ug/l	98
90) Hexachloroethane	13.68	117	308	0.222	ug/l	61
91) 1,2-Dichlorobenzene	13.46	146	4306	0.942	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.07	75	628	0.935	ug/l	86
93) 1,2,4-Trichlorobenzene	14.71	180	3024	1.108	ug/l	97
94) Hexachlorobutadiene	14.82	225	1374	1.000	ug/l	92
95) Naphthalene	14.93	128	9012	1.117	ug/l	97
96) 1,2,3-Trichlorobenzene	15.10	180	2868	1.090	ug/l	95

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

