

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055169.D
 Acq On : 22 Apr 2019 9:22
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 1:46:20 PM

Quant Time: Apr 23 05:07:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 04:56:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	428921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	689081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149551	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	1.85	85	3643	0.660	ug/l	93
3) Chloromethane	2.06	50	5279	0.780	ug/l	90
4) Vinyl Chloride	2.19	62	3713	0.685	ug/l	96
5) Bromomethane	2.56	94	2436	0.775	ug/l	94
6) Chloroethane	2.71	64	2396	0.817	ug/l	93
7) Trichlorofluoromethane	3.02	101	5905	0.800	ug/l #	81
8) Diethyl Ether	3.42	74	1985	0.754	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.75	101	3409	0.740	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	3620	0.820	ug/l #	71
14) Allyl chloride	4.32	41	5026	0.576	ug/l #	73
15) Acrylonitrile	5.01	53	6046m	3.253	ug/l	
16) Acetone	3.82	43	6866	3.578	ug/l	93
17) Carbon Disulfide	4.06	76	8879	0.720	ug/l #	94
18) Methyl Acetate	4.34	43	6280	1.186	ug/l #	64
19) Methyl tert-butyl Ether	5.06	73	8383	0.687	ug/l	99
20) Methylene Chloride	4.55	84	4785	0.867	ug/l #	90
21) trans-1,2-Dichloroethene	5.06	96	3463	0.748	ug/l #	49
22) Diisopropyl ether	5.96	45	12667	0.728	ug/l	99
23) Vinyl Acetate	5.90	43	34524	2.954	ug/l	98
24) 1,1-Dichloroethane	5.86	63	6815	0.729	ug/l #	92
25) 2-Butanone	6.85	43	7916	3.195	ug/l	96
26) 2,2-Dichloropropane	6.83	77	4689	0.741	ug/l #	74
27) cis-1,2-Dichloroethene	6.83	96	3787	0.710	ug/l	97
28) Bromochloromethane	7.20	49	4653	0.976	ug/l #	96
29) Tetrahydrofuran	7.22	42	5316	3.414	ug/l #	48
30) Chloroform	7.38	83	7003	0.787	ug/l	94
31) Cyclohexane	7.66	56	14612	1.361	ug/l #	27
32) 1,1,1-Trichloroethane	7.56	97	5402	0.756	ug/l #	44
36) 1,1-Dichloropropene	7.79	75	4535	0.709	ug/l	98
37) Ethyl Acetate	6.93	43	4487m	0.840	ug/l	
38) Carbon Tetrachloride	7.77	117	5690	0.890	ug/l #	90
39) Methylcyclohexane	9.08	83	4846	0.635	ug/l	91
40) Benzene	8.04	78	14682	0.744	ug/l	96
41) Methacrylonitrile	7.17	41	2120m	0.805	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.12	62	5040	0.732	ug/l	95
43) Isopropyl Acetate	8.17	43	5520	0.660	ug/l #	83
44) Trichloroethene	8.83	130	3666	0.735	ug/l	84
45) 1,2-Dichloropropane	9.11	63	3700	0.664	ug/l	91
46) Dibromomethane	9.21	93	2214	0.694	ug/l	98
47) Bromodichloromethane	9.40	83	4811	0.753	ug/l #	89
48) Methyl methacrylate	9.20	41	2432	0.600	ug/l #	74
49) 1,4-Dioxane	9.20	88	749	15.997	ug/l #	75
51) 4-Methyl-2-Pentanone	9.98	43	16191	3.366	ug/l	95
52) Toluene	10.16	92	7907	0.683	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	3554	0.606	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	4363	0.600	ug/l #	81
55) 1,1,2-Trichloroethane	10.56	97	3182	0.746	ug/l #	91
56) Ethyl methacrylate	10.43	69	2941	0.553	ug/l #	75
57) 1,3-Dichloropropane	10.71	76	5483	0.739	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.69	63	6159	3.594	ug/l	99
59) 2-Hexanone	10.75	43	8058	2.652	ug/l	90
60) Dibromochloromethane	10.90	129	3125	0.711	ug/l	98
61) 1,2-Dibromoethane	11.00	107	2366	0.590	ug/l	95
64) Tetrachloroethene	10.63	164	3686	0.796	ug/l	96
65) Chlorobenzene	11.43	112	9043	0.780	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.50	131	3451	0.804	ug/l #	61
67) Ethyl Benzene	11.51	91	14941	0.724	ug/l	99
68) m/p-Xylenes	11.62	106	10208	1.379	ug/l	100
69) o-Xylene	11.95	106	4846	0.660	ug/l	96
70) Styrene	11.97	104	7166	0.629	ug/l	97
71) Bromoform	12.12	173	1826	0.713	ug/l #	86
73) Isopropylbenzene	12.25	105	13673	0.952	ug/l	96
74) N-amyl acetate	12.08	43	3744	0.971	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.50	83	3435	0.904	ug/l	91
76) 1,2,3-Trichloropropane	12.55	75	2948m	1.052	ug/l	
77) Bromobenzene	12.52	156	2726	0.826	ug/l	85
78) n-propylbenzene	12.59	91	12207	0.814	ug/l	96
79) 2-Chlorotoluene	12.67	91	8506	0.898	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	9221	0.824	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.30	75	477	0.596	ug/l #	56
82) 4-Chlorotoluene	12.77	91	6629	0.761	ug/l	95
83) tert-Butylbenzene	12.99	119	8432	0.842	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	8416	0.797	ug/l	99
85) sec-Butylbenzene	13.17	105	9918	0.783	ug/l	99
86) p-Isopropyltoluene	13.29	119	7844	0.752	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	4198	0.828	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	4167m	0.844	ug/l	
89) n-Butylbenzene	13.61	91	4602	0.595	ug/l	97
90) Hexachloroethane	13.87	117	1807	0.976	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	3618	0.695	ug/l	93
93) 1,2,4-Trichlorobenzene	14.91	180	963	0.524	ug/l #	88
94) Hexachlorobutadiene	15.01	225	1730	0.929	ug/l	84
95) Naphthalene	15.13	128	2556	0.658	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.31	180	904	0.473	ug/l #	79

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

