

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056326.D
 Acq On : 17 Jun 2019 8:51
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 18 04:22:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 03:14:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	346471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	531503	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	445459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130269	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	2740	0.688	ug/l	72
3) Chloromethane	2.06	50	4146	0.859	ug/l	99
4) Vinyl Chloride	2.18	62	3990	0.829	ug/l	95
6) Chloroethane	2.68	64	2339	0.839	ug/l	94
7) Trichlorofluoromethane	3.00	101	5091	0.827	ug/l	92
8) Diethyl Ether	3.40	74	2044	0.821	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.74	101	3695	0.976	ug/l #	61
12) 1,1-Dichloroethene	3.72	96	3289	0.871	ug/l	84
14) Allyl chloride	4.31	41	5325	0.853	ug/l #	87
15) Acrylonitrile	5.00	53	8073	4.020	ug/l	99
16) Acetone	3.82	43	11462	4.887	ug/l	95
17) Carbon Disulfide	4.03	76	8711	0.900	ug/l	97
18) Methyl Acetate	4.34	43	7658m	1.629	ug/l	
19) Methyl tert-butyl Ether	5.05	73	8944	0.745	ug/l #	89
20) Methylene Chloride	4.54	84	4078	0.918	ug/l	95
21) trans-1,2-Dichloroethene	5.03	96	3420	0.840	ug/l	95
22) Diisopropyl ether	5.95	45	10187	0.807	ug/l #	83
23) Vinyl Acetate	5.90	43	36496	3.578	ug/l	96
24) 1,1-Dichloroethane	5.84	63	6038	0.829	ug/l #	83
25) 2-Butanone	6.85	43	11631	3.950	ug/l	98
26) 2,2-Dichloropropane	6.82	77	4644	0.852	ug/l	76
27) cis-1,2-Dichloroethene	6.83	96	3957	0.832	ug/l	97
28) Bromochloromethane	7.19	49	3219	0.912	ug/l #	94
29) Tetrahydrofuran	7.22	42	6857	3.870	ug/l #	80
30) Chloroform	7.37	83	6177	0.850	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	5023	0.828	ug/l #	50
36) 1,1-Dichloropropene	7.79	75	5042	0.856	ug/l #	72
37) Ethyl Acetate	6.94	43	3608	0.653	ug/l #	84
38) Carbon Tetrachloride	7.77	117	4729	0.861	ug/l #	86
39) Methylcyclohexane	9.08	83	5445	0.747	ug/l	94
40) Benzene	8.04	78	14085	0.789	ug/l	95
41) Methacrylonitrile	7.18	41	1742	0.672	ug/l #	73
42) 1,2-Dichloroethane	8.12	62	4554	0.784	ug/l	90
43) Isopropyl Acetate	8.17	43	6624	0.760	ug/l #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	3802	0.762	ug/l	92
45) 1,2-Dichloropropane	9.12	63	3661	0.785	ug/l	95
46) Dibromomethane	9.21	93	2557	0.837	ug/l	93
47) Bromodichloromethane	9.41	83	4889	0.861	ug/l #	84
48) Methyl methacrylate	9.20	41	3367	0.774	ug/l	93
49) 1,4-Dioxane	9.21	88	1268	13.930	ug/l #	82
51) 4-Methyl-2-Pentanone	9.99	43	20953	3.769	ug/l	96
52) Toluene	10.16	92	8245	0.743	ug/l	94
53) t-1,3-Dichloropropene	10.38	75	4266	0.729	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	4717	0.702	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	3556	0.807	ug/l	96
56) Ethyl methacrylate	10.43	69	4323	0.656	ug/l	98
57) 1,3-Dichloropropane	10.71	76	6336	0.867	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.69	63	6367	2.865	ug/l	97
59) 2-Hexanone	10.75	43	14920	3.667	ug/l	92
60) Dibromochloromethane	10.90	129	3386	0.754	ug/l	99
61) 1,2-Dibromoethane	11.00	107	3432	0.749	ug/l	96
64) Tetrachloroethene	10.63	164	3933	0.839	ug/l	94
65) Chlorobenzene	11.43	112	8971	0.800	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	3360	0.851	ug/l #	63
67) Ethyl Benzene	11.51	91	14778	0.755	ug/l	98
68) m/p-Xylenes	11.62	106	10221	1.371	ug/l	99
69) o-Xylene	11.94	106	5288	0.723	ug/l	98
70) Styrene	11.96	104	7249	0.610	ug/l	97
71) Bromoform	12.12	173	2378	0.778	ug/l #	94
73) Isopropylbenzene	12.25	105	12588	0.952	ug/l	95
74) N-amyl acetate	12.07	43	4809	1.051	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.50	83	4664	1.190	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	3044m	0.968	ug/l	
77) Bromobenzene	12.53	156	3393	0.972	ug/l	92
78) n-propylbenzene	12.59	91	12552	0.889	ug/l	94
79) 2-Chlorotoluene	12.67	91	8594	0.983	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	9732	0.884	ug/l	98
82) 4-Chlorotoluene	12.77	91	7257	0.876	ug/l	97
83) tert-Butylbenzene	12.99	119	9471	0.982	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	8269	0.790	ug/l	94
85) sec-Butylbenzene	13.17	105	11181	0.907	ug/l	99
86) p-Isopropyltoluene	13.29	119	8715	0.795	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	4614	0.847	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	4388m	0.836	ug/l	
89) n-Butylbenzene	13.62	91	6080	0.736	ug/l	98
90) Hexachloroethane	13.87	117	2104	1.175	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	4254	0.781	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	607	1.022	ug/l	84
93) 1,2,4-Trichlorobenzene	14.90	180	1360	0.552	ug/l	84
94) Hexachlorobutadiene	15.01	225	2188	1.061	ug/l	96
95) Naphthalene	15.14	128	3761	0.579	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.32	180	1375	0.517	ug/l	90

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

