

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056327.D
 Acq On : 17 Jun 2019 9:14
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 18 04:23:25 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	365014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	549455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144874	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	20727	4.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.32%	
35) Dibromofluoromethane	7.59	113	16510	3.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.32%	
50) Toluene-d8	10.09	98	63256	3.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.30%	
62) 4-Bromofluorobenzene	12.40	95	18004	3.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	6.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	14043	3.349	ug/l	98
3) Chloromethane	2.06	50	20004	3.933	ug/l	96
4) Vinyl Chloride	2.18	62	20067	3.956	ug/l	97
5) Bromomethane	2.53	94	12677m	4.064	ug/l	
6) Chloroethane	2.68	64	11998	4.087	ug/l	90
7) Trichlorofluoromethane	3.01	101	27565	4.252	ug/l	100
8) Diethyl Ether	3.40	74	10765	4.102	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.74	101	17544	4.399	ug/l	100
10) Methyl Iodide	3.94	142	18048	2.920	ug/l	98
11) Tert butyl alcohol	4.82	59	15025	17.653	ug/l	98
12) 1,1-Dichloroethene	3.73	96	16900	4.248	ug/l	93
13) Acrolein	3.60	56	3123	13.078	ug/l	100
14) Allyl chloride	4.31	41	26530	4.036	ug/l	97
15) Acrylonitrile	4.99	53	43127	20.385	ug/l	97
16) Acetone	3.82	43	52098	21.082	ug/l	97
17) Carbon Disulfide	4.04	76	41694	4.090	ug/l	95
18) Methyl Acetate	4.33	43	25385	5.126	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	50316	3.978	ug/l	100
20) Methylene Chloride	4.55	84	19920	4.256	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	17779	4.144	ug/l	95
22) Diisopropyl ether	5.95	45	53999	4.060	ug/l #	89
23) Vinyl Acetate	5.90	43	205746	19.148	ug/l	99
24) 1,1-Dichloroethane	5.85	63	32786	4.273	ug/l	96
25) 2-Butanone	6.85	43	63467	20.461	ug/l	98
26) 2,2-Dichloropropane	6.82	77	23152	4.032	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	20486	4.086	ug/l	97
28) Bromochloromethane	7.19	49	15265	4.105	ug/l	98
29) Tetrahydrofuran	7.22	42	39485	21.153	ug/l	96
30) Chloroform	7.37	83	32510	4.245	ug/l	100
31) Cyclohexane	7.65	56	34188	4.370	ug/l #	76
32) 1,1,1-Trichloroethane	7.57	97	26492	4.146	ug/l	98
36) 1,1-Dichloropropene	7.79	75	23794	3.910	ug/l	97
37) Ethyl Acetate	6.94	43	21762	3.810	ug/l	99
38) Carbon Tetrachloride	7.77	117	23914	4.214	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	29709	3.942	ug/l	98
40) Benzene	8.04	78	75379	4.083	ug/l	98
41) Methacrylonitrile	7.18	41	8869	3.308	ug/l #	80
42) 1,2-Dichloroethane	8.12	62	25436	4.238	ug/l	100
43) Isopropyl Acetate	8.17	43	35625	3.953	ug/l	99
44) Trichloroethene	8.83	130	20272	3.928	ug/l	96
45) 1,2-Dichloropropane	9.12	63	19007	3.940	ug/l	99
46) Dibromomethane	9.21	93	13215	4.184	ug/l	97
47) Bromodichloromethane	9.40	83	24510	4.177	ug/l	95
48) Methyl methacrylate	9.20	41	17752	3.946	ug/l	96
49) 1,4-Dioxane	9.20	88	7432	78.977	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	113424	19.738	ug/l	100
52) Toluene	10.15	92	44792	3.905	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	21766	3.599	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	26671	3.839	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	19113	4.194	ug/l	96
56) Ethyl methacrylate	10.43	69	24379	3.579	ug/l	96
57) 1,3-Dichloropropane	10.71	76	30381	4.021	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	35637	15.510	ug/l	98
59) 2-Hexanone	10.75	43	83134	19.765	ug/l	95
60) Dibromochloromethane	10.90	129	19008	4.094	ug/l	96
61) 1,2-Dibromoethane	11.00	107	18469	3.900	ug/l	100
64) Tetrachloroethene	10.63	164	20428	4.114	ug/l	96
65) Chlorobenzene	11.43	112	47822	4.027	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	18431	4.404	ug/l	97
67) Ethyl Benzene	11.51	91	79785	3.848	ug/l	96
68) m/p-Xylenes	11.62	106	57552	7.287	ug/l	96
69) o-Xylene	11.95	106	28879	3.729	ug/l	97
70) Styrene	11.96	104	43642	3.467	ug/l	99
71) Bromoform	12.13	173	12636	3.901	ug/l #	98
73) Isopropylbenzene	12.25	105	76704	5.216	ug/l	97
74) N-amyl acetate	12.07	43	25348	4.983	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	25165	5.771	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	18385m	5.260	ug/l	
77) Bromobenzene	12.53	156	19695	5.076	ug/l	97
78) n-propylbenzene	12.59	91	72838	4.637	ug/l	99
79) 2-Chlorotoluene	12.67	91	49695	5.113	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	60069	4.907	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	5308	4.509	ug/l	86
82) 4-Chlorotoluene	12.77	91	41085	4.460	ug/l	100
83) tert-Butylbenzene	12.99	119	55980	5.220	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	52253	4.492	ug/l	97
85) sec-Butylbenzene	13.17	105	65627	4.787	ug/l	100
86) p-Isopropyltoluene	13.29	119	52642	4.318	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	25284	4.173	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	24103	4.127	ug/l	95
89) n-Butylbenzene	13.61	91	36121	3.933	ug/l	97
90) Hexachloroethane	13.87	117	11516	5.784	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	25309	4.181	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	3257	4.931	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	6954	2.536	ug/l	96
94) Hexachlorobutadiene	15.01	225	11705	5.103	ug/l	98
95) Naphthalene	15.13	128	19578	2.709	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	8319	2.811	ug/l	95

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

