

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012219\
 Data File : VN053516.D
 Acq On : 22 Jan 2019 13:50
 Operator : JC/SP
 Sample : VN0122WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:00:53 AM

Quant Time: Jan 23 03:46:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	735611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1114288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	996379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	482555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	374246	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	7.59	113	335226	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.09	98	1346006	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	455653	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	119872	20.268	ug/l	99
3) Chloromethane	2.06	50	156970	18.563	ug/l	100
4) Vinyl Chloride	2.19	62	161599	19.825	ug/l	99
5) Bromomethane	2.57	94	116102	20.759	ug/l	96
6) Chloroethane	2.71	64	100083	20.308	ug/l	96
7) Trichlorofluoromethane	3.02	101	225049	21.108	ug/l	97
8) Diethyl Ether	3.41	74	87685	21.897	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	142083	21.042	ug/l	99
10) Methyl Iodide	3.96	142	209229	20.277	ug/l	99
11) Tert butyl alcohol	4.77	59	44182	124.185	ug/l	99
12) 1,1-Dichloroethene	3.74	96	136250	20.804	ug/l	97
13) Acrolein	3.61	56	67576	111.224	ug/l	99
14) Allyl chloride	4.33	41	226342	21.277	ug/l	100
15) Acrylonitrile	4.99	53	253629	108.324	ug/l	99
16) Acetone	3.82	43	179473	105.210	ug/l	99
17) Carbon Disulfide	4.06	76	378459	19.109	ug/l	100
18) Methyl Acetate	4.33	43	126182	21.955	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	382809	21.998	ug/l	98
20) Methylene Chloride	4.55	84	158326	20.329	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	147219	21.026	ug/l	99
22) Diisopropyl ether	5.95	45	490959	22.107	ug/l	97
23) Vinyl Acetate	5.90	43	1492189	109.305	ug/l	100
24) 1,1-Dichloroethane	5.85	63	279417	21.283	ug/l	99
25) 2-Butanone	6.83	43	284180	108.105	ug/l	98
26) 2,2-Dichloropropane	6.83	77	205668	20.749	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	171600	21.432	ug/l	99
28) Bromochloromethane	7.19	49	115739	20.011	ug/l	100
29) Tetrahydrofuran	7.21	42	188835	110.344	ug/l	99
30) Chloroform	7.37	83	279104	21.820	ug/l	99
31) Cyclohexane	7.65	56	259834	20.204	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	230419	21.235	ug/l	99
36) 1,1-Dichloropropene	7.79	75	208779	20.573	ug/l	99
37) Ethyl Acetate	6.93	43	125793	21.546	ug/l	98
38) Carbon Tetrachloride	7.77	117	204429	21.278	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	256848	20.478	ug/l	98
40) Benzene	8.04	78	654055	21.209	ug/l	100
41) Methacrylonitrile	7.17	41	68158	20.052	ug/l	90
42) 1,2-Dichloroethane	8.12	62	193157	21.500	ug/l	100
43) Isopropyl Acetate	8.16	43	229518	21.863	ug/l	99
44) Trichloroethene	8.84	130	181973	21.279	ug/l	99
45) 1,2-Dichloropropane	9.12	63	177301	21.707	ug/l	98
46) Dibromomethane	9.21	93	99604	21.225	ug/l	98
47) Bromodichloromethane	9.40	83	209354	21.213	ug/l	100
48) Methyl methacrylate	9.20	41	112898	20.828	ug/l	99
49) 1,4-Dioxane	9.20	88	27315	515.986	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	627219	109.445	ug/l	100
52) Toluene	10.16	92	398702	20.826	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	211925	21.186	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	249112	21.244	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	144897	21.953	ug/l	98
56) Ethyl methacrylate	10.43	69	179825	20.465	ug/l	100
57) 1,3-Dichloropropane	10.71	76	245717	21.520	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	446992	96.802	ug/l	100
59) 2-Hexanone	10.75	43	422470	105.013	ug/l	99
60) Dibromochloromethane	10.90	129	159730	21.336	ug/l	100
61) 1,2-Dibromoethane	11.00	107	144051	21.579	ug/l	98
64) Tetrachloroethene	10.63	164	201017	21.408	ug/l	99
65) Chlorobenzene	11.43	112	445120	21.106	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	160593	21.888	ug/l	98
67) Ethyl Benzene	11.51	91	751779	20.916	ug/l	100
68) m/p-Xylenes	11.62	106	580166	42.753	ug/l	100
69) o-Xylene	11.95	106	279101	21.166	ug/l	99
70) Styrene	11.96	104	459831	21.487	ug/l	100
71) Bromoform	12.13	173	109199	21.619	ug/l #	100
73) Isopropylbenzene	12.25	105	748104	21.170	ug/l	100
74) N-amyl acetate	12.07	43	202027	21.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	154075	20.789	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	138367m	21.759	ug/l	
77) Bromobenzene	12.53	156	196565	21.110	ug/l	100
78) n-propylbenzene	12.59	91	851865	21.001	ug/l	100
79) 2-Chlorotoluene	12.67	91	501761	20.869	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	619713	21.554	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	46673	20.167	ug/l	96
82) 4-Chlorotoluene	12.77	91	516480	21.064	ug/l	100
83) tert-Butylbenzene	12.99	119	550885	21.693	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	626424	21.608	ug/l	100
85) sec-Butylbenzene	13.17	105	742838	21.329	ug/l	100
86) p-Isopropyltoluene	13.29	119	647240	21.404	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	346807	21.173	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	340926	20.750	ug/l	98
89) n-Butylbenzene	13.61	91	536883	20.828	ug/l	99
90) Hexachloroethane	13.87	117	101032	21.303	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	339649	22.539	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23813	25.340	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	152890	24.489	ug/l	99
94) Hexachlorobutadiene	15.01	225	113105	24.061	ug/l	99
95) Naphthalene	15.13	128	249750	23.662	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	114561	25.613	ug/l	98

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

