

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056179.D
 Acq On : 10 Jun 2019 19:09
 Operator : JC/SP
 Sample : K3280-09MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20190608M

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:59:45 AM

Quant Time: Jun 11 04:28:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	279567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	405463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	370364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163733	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	143724	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	7.59	113	132319	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.09	98	486624	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	163252	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	144625	47.110	ug/l	99
3) Chloromethane	2.06	50	152085	50.184	ug/l	99
4) Vinyl Chloride	2.18	62	153312	50.433	ug/l	98
5) Bromomethane	2.52	94	84876	44.200	ug/l	98
6) Chloroethane	2.67	64	79367	45.030	ug/l	100
7) Trichlorofluoromethane	3.00	101	195826	50.461	ug/l	100
8) Diethyl Ether	3.40	74	76635	48.020	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	122893	52.131	ug/l	99
10) Methyl Iodide	3.94	142	180614	48.212	ug/l	100
11) Tert butyl alcohol	4.82	59	124783	258.317	ug/l	100
12) 1,1-Dichloroethene	3.72	96	119820	51.054	ug/l	98
13) Acrolein	3.60	56	42137	302.451	ug/l	97
14) Allyl chloride	4.31	41	187821	50.681	ug/l	99
15) Acrylonitrile	4.99	53	344774	293.199	ug/l	100
16) Acetone	3.82	43	276200	208.043	ug/l	100
17) Carbon Disulfide	4.03	76	264658	47.097	ug/l	100
18) Methyl Acetate	4.32	43	147182	56.514	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	390588	52.211	ug/l	99
20) Methylene Chloride	4.54	84	141382	51.690	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	126624	50.355	ug/l	99
22) Diisopropyl ether	5.95	45	401121	52.361	ug/l	99
23) Vinyl Acetate	5.90	43	1540081	255.285	ug/l	100
24) 1,1-Dichloroethane	5.84	63	235731	53.345	ug/l	100
25) 2-Butanone	6.84	43	454153	270.749	ug/l	99
26) 2,2-Dichloropropane	6.82	77	142507	41.328	ug/l	96
27) cis-1,2-Dichloroethene	6.82	96	151780	51.348	ug/l	97
28) Bromochloromethane	7.19	49	114150	54.624	ug/l	99
29) Tetrahydrofuran	7.22	42	302230	291.485	ug/l	100
30) Chloroform	7.37	83	236795	53.268	ug/l	99
31) Cyclohexane	7.65	56	205087	46.561	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	196079	52.821	ug/l	99
36) 1,1-Dichloropropene	7.79	75	168672	48.380	ug/l	99
37) Ethyl Acetate	6.93	43	168481	54.312	ug/l	100
38) Carbon Tetrachloride	7.77	117	167250	52.033	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	202834	46.703	ug/l	99
40) Benzene	8.04	78	550079	51.948	ug/l	99
41) Methacrylonitrile	7.18	41	85265	59.741	ug/l	96
42) 1,2-Dichloroethane	8.12	62	176005	51.673	ug/l	100
43) Isopropyl Acetate	8.17	43	261891	52.099	ug/l	93
44) Trichloroethene	8.83	130	154457	50.762	ug/l	97
45) 1,2-Dichloropropane	9.12	63	143113	52.764	ug/l	98
46) Dibromomethane	9.21	93	96637	54.485	ug/l	99
47) Bromodichloromethane	9.40	83	177538	55.229	ug/l	100
48) Methyl methacrylate	9.20	41	137750	56.013	ug/l	97
49) 1,4-Dioxane	9.20	88	60788	1144.948	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	889635	283.007	ug/l	100
52) Toluene	10.16	92	344969	52.354	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	176911	47.087	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	204044	52.807	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	142790	54.707	ug/l	99
56) Ethyl methacrylate	10.43	69	208213	54.681	ug/l	98
57) 1,3-Dichloropropane	10.71	76	230516	54.328	ug/l	99
59) 2-Hexanone	10.75	43	611455	268.377	ug/l	100
60) Dibromochloromethane	10.90	129	151027	52.344	ug/l	99
61) 1,2-Dibromoethane	11.00	107	147143	55.145	ug/l	99
64) Tetrachloroethene	10.63	164	152209	47.478	ug/l	98
65) Chlorobenzene	11.43	112	369574	50.139	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	138275	54.330	ug/l	99
67) Ethyl Benzene	11.51	91	639922	49.928	ug/l	99
68) m/p-Xylenes	11.62	106	491095	100.301	ug/l	99
69) o-Xylene	11.95	106	242733	50.399	ug/l	98
70) Stvrene	11.96	104	401223	52.432	ug/l	100
71) Bromoform	12.13	173	108512	50.740	ug/l #	100
73) Isopropylbenzene	12.25	105	631064	54.279	ug/l	100
74) N-amyl acetate	12.07	43	206827	47.388	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	192986	50.773	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	157387m	52.240	ug/l	
77) Bromobenzene	12.53	156	172659	49.254	ug/l	95
78) n-propylbenzene	12.59	91	668851	48.287	ug/l	99
79) 2-Chlorotoluene	12.67	91	409018	53.394	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	515632	46.838	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	45382	50.164	ug/l	90
82) 4-Chlorotoluene	12.77	91	395192	48.766	ug/l	100
83) tert-Butylbenzene	12.99	119	453123	53.225	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	506988	48.564	ug/l	99
85) sec-Butylbenzene	13.17	105	579779	47.263	ug/l	100
86) p-Isopropyltoluene	13.29	119	521442	47.497	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	269774	49.724	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	260530	49.919	ug/l	98
89) n-Butylbenzene	13.61	91	381426	46.900	ug/l	99
90) Hexachloroethane	13.87	117	86475	52.230	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	271293	49.527	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30709	56.486	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	120834	40.882	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	93932	49.998	ug/l	100
95) Naphthalene	15.13	128	330134	42.759	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	137411	44.992	ug/l	100

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

