

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059309.D
 Acq On : 19 Nov 2019 16:27
 Operator : JC/SP
 Sample : VN1119WBSD04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD04

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 1:37:05 PM

Quant Time: Nov 20 02:52:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	381522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	602033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	536098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	249087	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	231342	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	7.57	113	189272	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	10.08	98	692940	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.40	95	255076	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	120241	31.280	ug/l	99
3) Chloromethane	2.04	50	132705	25.397	ug/l	100
4) Vinyl Chloride	2.17	62	141746	27.980	ug/l	100
5) Bromomethane	2.55	94	75272	25.820	ug/l	99
6) Chloroethane	2.69	64	73428	24.502	ug/l	99
7) Trichlorofluoromethane	3.00	101	143510	23.683	ug/l	98
8) Diethyl Ether	3.39	74	60994	24.773	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	90102	24.662	ug/l	99
10) Methyl Iodide	3.93	142	106969	23.654	ug/l	98
11) Tert butyl alcohol	4.75	59	101165	113.186	ug/l	98
12) 1,1-Dichloroethene	3.71	96	87387	24.554	ug/l	99
13) Acrolein	3.58	56	35657	77.377	ug/l	98
14) Allyl chloride	4.29	41	167325	22.888	ug/l	99
15) Acrylonitrile	4.95	53	263154	118.307	ug/l	99
16) Acetone	3.79	43	219904	90.168	ug/l	98
17) Carbon Disulfide	4.03	76	273507	24.756	ug/l	99
18) Methyl Acetate	4.29	43	149165	25.768	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	302861	24.717	ug/l	99
20) Methylene Chloride	4.52	84	100951	23.760	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	94344	24.696	ug/l	94
22) Diisopropyl ether	5.92	45	328347	23.778	ug/l	98
23) Vinyl Acetate	5.86	43	1300851	121.552	ug/l	100
24) 1,1-Dichloroethane	5.82	63	182696	23.688	ug/l	99
25) 2-Butanone	6.81	43	347486	108.108	ug/l	99
26) 2,2-Dichloropropane	6.79	77	153149	22.709	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	106261	23.975	ug/l	98
28) Bromochloromethane	7.17	49	46550	20.061	ug/l	97
29) Tetrahydrofuran	7.18	42	238548	116.802	ug/l	98
30) Chloroform	7.35	83	175523	23.724	ug/l	100
31) Cyclohexane	7.63	56	172536	23.631	ug/l	93
32) 1,1,1-Trichloroethane	7.55	97	145697	23.423	ug/l	99
36) 1,1-Dichloropropene	7.77	75	135199	24.026	ug/l	99
37) Ethyl Acetate	6.90	43	146016	23.325	ug/l	99
38) Carbon Tetrachloride	7.75	117	129084	23.047	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	163666	25.060	ug/l	98
40) Benzene	8.02	78	403440	23.808	ug/l	99
41) Methacrylonitrile	7.16	41	73749m	27.092	ug/l	
42) 1,2-Dichloroethane	8.10	62	135273	23.275	ug/l	99
43) Isopropyl Acetate	8.14	43	226682	22.713	ug/l	99
44) Trichloroethene	8.82	130	99953	23.995	ug/l	98
45) 1,2-Dichloropropane	9.10	63	108235	23.515	ug/l	99
46) Dibromomethane	9.19	93	66659	23.241	ug/l	99
47) Bromodichloromethane	9.39	83	134938	23.561	ug/l	98
48) Methyl methacrylate	9.18	41	101216	22.673	ug/l	98
49) 1,4-Dioxane	9.18	88	34271	431.982	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	705431	124.920	ug/l	100
52) Toluene	10.15	92	241936	23.820	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	152720	23.080	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	167503	23.533	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	96332	23.436	ug/l	99
56) Ethyl methacrylate	10.42	69	145091	22.243	ug/l	98
57) 1,3-Dichloropropane	10.70	76	167160	23.628	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	265337	115.989	ug/l	98
59) 2-Hexanone	10.74	43	502419	115.914	ug/l	98
60) Dibromochloromethane	10.90	129	101837	23.432	ug/l	100
61) 1,2-Dibromoethane	11.00	107	98070	23.568	ug/l	99
64) Tetrachloroethene	10.63	164	89912	24.665	ug/l	97
65) Chlorobenzene	11.43	112	254810	24.382	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	94680	24.151	ug/l	98
67) Ethyl Benzene	11.51	91	461099	24.868	ug/l	98
68) m/p-Xylenes	11.62	106	344903	49.658	ug/l	99
69) o-Xylene	11.95	106	163529	24.363	ug/l	99
70) Styrene	11.96	104	257352	24.379	ug/l	99
71) Bromoform	12.13	173	71570	23.471	ug/l #	99
73) Isopropylbenzene	12.25	105	440267	24.299	ug/l	99
74) N-amyl acetate	12.07	43	173871	22.647	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	143966	23.332	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	132628m	23.388	ug/l	
77) Bromobenzene	12.53	156	105461	23.167	ug/l	98
78) n-propylbenzene	12.59	91	505632	24.373	ug/l	99
79) 2-Chlorotoluene	12.68	91	300922	23.382	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	372217	24.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	48597	22.635	ug/l	100
82) 4-Chlorotoluene	12.77	91	303908	23.544	ug/l	98
83) tert-Butylbenzene	12.99	119	315136	23.769	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	361814	24.358	ug/l	99
85) sec-Butylbenzene	13.17	105	419335	24.319	ug/l	100
86) p-Isopropyltoluene	13.29	119	376634	24.737	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	186369	23.908	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	182861	23.446	ug/l	99
89) n-Butylbenzene	13.62	91	323683	24.290	ug/l	99
90) Hexachloroethane	13.88	117	68132	22.285	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	182359	23.781	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27903	22.681	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	101283	23.490	ug/l	99
94) Hexachlorobutadiene	15.01	225	65491	24.770	ug/l	99
95) Naphthalene	15.13	128	272320	22.858	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	102366	23.820	ug/l	99

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

