

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058797.D
 Acq On : 16 Oct 2019 13:36
 Operator : JC/SP
 Sample : VN1016WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:51:26 AM

Quant Time: Oct 17 08:11:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	381809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	619195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	566802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	264497	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	272845	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
35) Dibromofluoromethane	7.57	113	194984	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	10.09	98	748405	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.40	95	273756	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98111	20.632	ug/l	99
3) Chloromethane	2.04	50	114937	20.327	ug/l	100
4) Vinyl Chloride	2.17	62	113079	20.079	ug/l	99
5) Bromomethane	2.55	94	69141	20.181	ug/l	98
6) Chloroethane	2.69	64	71018	20.444	ug/l	96
7) Trichlorofluoromethane	3.00	101	140344	20.822	ug/l	99
8) Diethyl Ether	3.39	74	48634	19.529	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	79614	20.716	ug/l	99
10) Methyl Iodide	3.93	142	101613	19.376	ug/l	99
11) Tert butyl alcohol	4.75	59	87849	101.480	ug/l #	89
12) 1,1-Dichloroethene	3.72	96	73860	20.143	ug/l	99
13) Acrolein	3.58	56	44457	63.855	ug/l	95
14) Allyl chloride	4.30	41	149896	20.257	ug/l	99
15) Acrylonitrile	4.96	53	231772	106.167	ug/l	98
16) Acetone	3.79	43	224668	101.526	ug/l	98
17) Carbon Disulfide	4.03	76	222728	19.003	ug/l	100
18) Methyl Acetate	4.30	43	121899	21.716	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	273519	20.890	ug/l	97
20) Methylene Chloride	4.53	84	91136	19.706	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	81871	19.961	ug/l	94
22) Diisopropyl ether	5.93	45	301682	20.968	ug/l	97
23) Vinyl Acetate	5.87	43	1240794	106.879	ug/l	99
24) 1,1-Dichloroethane	5.82	63	168763	20.596	ug/l	98
25) 2-Butanone	6.82	43	328794	102.795	ug/l	99
26) 2,2-Dichloropropane	6.80	77	143763	19.220	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	95634	19.995	ug/l	99
28) Bromochloromethane	7.18	49	60355	21.172	ug/l	97
29) Tetrahydrofuran	7.19	42	215101	104.065	ug/l	100
30) Chloroform	7.36	83	168023	20.409	ug/l	99
31) Cyclohexane	7.64	56	152008	19.388	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	147503	21.009	ug/l	99
36) 1,1-Dichloropropene	7.78	75	122590	19.582	ug/l	99
37) Ethyl Acetate	6.91	43	137612	21.735	ug/l #	93
38) Carbon Tetrachloride	7.76	117	126668	20.760	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	137909	18.984	ug/l	98
40) Benzene	8.02	78	367498	20.439	ug/l	99
41) Methacrylonitrile	7.16	41	62803m	21.190	ug/l	
42) 1,2-Dichloroethane	8.11	62	143351	20.752	ug/l	100
43) Isopropyl Acetate	8.15	43	218664	20.273	ug/l	100
44) Trichloroethene	8.82	130	91275	20.442	ug/l	97
45) 1,2-Dichloropropane	9.11	63	100708	20.923	ug/l	99
46) Dibromomethane	9.20	93	63557	20.827	ug/l	99
47) Bromodichloromethane	9.39	83	131056	21.090	ug/l	96
48) Methyl methacrylate	9.19	41	101543	20.769	ug/l	98
49) 1,4-Dioxane	9.19	88	32579	430.725	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	679306	112.143	ug/l	98
52) Toluene	10.15	92	222160	20.202	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	142399	19.979	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	154860	20.464	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	89645	19.917	ug/l	99
56) Ethyl methacrylate	10.43	69	133783	20.345	ug/l	99
57) 1,3-Dichloropropane	10.71	76	156994	20.469	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	320563	101.158	ug/l	100
59) 2-Hexanone	10.75	43	505397	107.962	ug/l	97
60) Dibromochloromethane	10.90	129	94939	20.447	ug/l	99
61) 1,2-Dibromoethane	11.00	107	90423	20.053	ug/l	98
64) Tetrachloroethene	10.63	164	83584	21.072	ug/l	95
65) Chlorobenzene	11.43	112	234828	20.401	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	89052	20.922	ug/l	99
67) Ethyl Benzene	11.51	91	424549	20.691	ug/l	100
68) m/p-Xylenes	11.62	106	312703	40.611	ug/l	99
69) o-Xylene	11.95	106	147385	19.783	ug/l	100
70) Styrene	11.97	104	241788	19.802	ug/l	99
71) Bromoform	12.13	173	66140	21.200	ug/l #	100
73) Isopropylbenzene	12.25	105	405262	21.156	ug/l	100
74) N-amyl acetate	12.07	43	182729	21.239	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	136980	21.707	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	123839m	21.343	ug/l	
77) Bromobenzene	12.53	156	97184	20.858	ug/l	99
78) n-propylbenzene	12.59	91	478777	21.449	ug/l	100
79) 2-Chlorotoluene	12.68	91	284801	20.557	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	345762	21.143	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42532	19.635	ug/l	92
82) 4-Chlorotoluene	12.78	91	293722	20.661	ug/l	99
83) tert-Butylbenzene	13.00	119	294276	21.005	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	346039	21.314	ug/l	100
85) sec-Butylbenzene	13.18	105	398659	21.595	ug/l	99
86) p-Isopropyltoluene	13.29	119	348774	20.788	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	174952	20.361	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	174246	19.945	ug/l	97
89) n-Butylbenzene	13.62	91	310855	20.037	ug/l	99
90) Hexachloroethane	13.88	117	64611	21.522	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	174695	20.860	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	30014	20.359	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	96474	18.884	ug/l	99
94) Hexachlorobutadiene	15.02	225	54060	20.095	ug/l	98
95) Naphthalene	15.13	128	275214	18.745	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	94675	18.982	ug/l	99

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

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