

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102619\
 Data File : VN058979.D
 Acq On : 25 Oct 2019 12:10
 Operator : JC/SP
 Sample : VN1026WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 9:47:55 AM

Quant Time: Oct 25 23:42:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	339898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	541249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	508663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	238226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	250201	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	7.57	113	186001	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	10.08	98	701388	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	250946	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	81222	19.166	ug/l 99
3) Chloromethane	2.04	50	99387	18.936	ug/l 100
4) Vinyl Chloride	2.17	62	104825	20.115	ug/l 100
5) Bromomethane	2.55	94	60630	18.579	ug/l 98
6) Chloroethane	2.69	64	65441	19.582	ug/l 100
7) Trichlorofluoromethane	3.00	101	130365	20.217	ug/l 99
8) Diethyl Ether	3.39	74	46120	20.697	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	72067	20.160	ug/l 99
10) Methyl Iodide	3.93	142	80121	17.041	ug/l 99
11) Tert butyl alcohol	4.76	59	78399	94.769	ug/l 100
12) 1,1-Dichloroethene	3.72	96	67008	19.998	ug/l 99
13) Acrolein	3.58	56	35511	62.474	ug/l 95
14) Allyl chloride	4.30	41	133677	19.715	ug/l 99
15) Acrylonitrile	4.96	53	219618	105.540	ug/l 99
16) Acetone	3.79	43	235953	95.785	ug/l 99
17) Carbon Disulfide	4.03	76	194190	17.991	ug/l 100
18) Methyl Acetate	4.30	43	122417	21.858	ug/l 99
19) Methyl tert-butyl Ether	5.02	73	243200	20.728	ug/l 98
20) Methylene Chloride	4.53	84	82258	19.556	ug/l 98
21) trans-1,2-Dichloroethene	5.02	96	73722	19.922	ug/l 95
22) Diisopropyl ether	5.93	45	279486	21.074	ug/l 98
23) Vinyl Acetate	5.87	43	1164011	109.243	ug/l 100
24) 1,1-Dichloroethane	5.82	63	157679	20.504	ug/l 100
25) 2-Butanone	6.81	43	315094	98.538	ug/l 98
26) 2,2-Dichloropropane	6.81	77	133543	20.077	ug/l 99
27) cis-1,2-Dichloroethene	6.81	96	86305	20.417	ug/l 99
28) Bromochloromethane	7.18	49	54902	21.437	ug/l 97
29) Tetrahydrofuran	7.19	42	202596	103.569	ug/l 99
30) Chloroform	7.35	83	154417	20.018	ug/l 99
31) Cyclohexane	7.63	56	137457	19.187	ug/l 98
32) 1,1,1-Trichloroethane	7.55	97	130126	20.013	ug/l 99
36) 1,1-Dichloropropene	7.78	75	110991	20.030	ug/l 100
37) Ethyl Acetate	6.91	43	126204	20.902	ug/l 99
38) Carbon Tetrachloride	7.75	117	113958	19.963	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	120934	19.436	ug/l	99
40) Benzene	8.02	78	337857	20.763	ug/l	97
41) Methacrylonitrile	7.15	41	55825	20.759	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	130924	20.887	ug/l	100
43) Isopropyl Acetate	8.15	43	200890	20.746	ug/l	99
44) Trichloroethene	8.82	130	79621	20.087	ug/l	98
45) 1,2-Dichloropropane	9.11	63	94353	21.146	ug/l	100
46) Dibromomethane	9.20	93	57269	20.303	ug/l	99
47) Bromodichloromethane	9.39	83	119856	20.616	ug/l	99
48) Methyl methacrylate	9.19	41	90229	20.537	ug/l	100
49) 1,4-Dioxane	9.19	88	27528	381.694	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	634688	112.215	ug/l	99
52) Toluene	10.15	92	205312	21.277	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	132226	20.545	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	141799	20.622	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	82150	20.666	ug/l	97
56) Ethyl methacrylate	10.43	69	119981	19.312	ug/l	99
57) 1,3-Dichloropropane	10.70	76	145385	20.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	262158	96.532	ug/l	99
59) 2-Hexanone	10.75	43	469166	107.346	ug/l	98
60) Dibromochloromethane	10.90	129	88735	20.739	ug/l	99
61) 1,2-Dibromoethane	11.00	107	84746	20.832	ug/l	99
64) Tetrachloroethene	10.63	164	69444	19.494	ug/l	98
65) Chlorobenzene	11.43	112	216192	20.877	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	83030	21.247	ug/l	99
67) Ethyl Benzene	11.51	91	383477	21.109	ug/l	99
68) m/p-Xylenes	11.62	106	285152	42.327	ug/l	100
69) o-Xylene	11.95	106	134458	20.927	ug/l	99
70) Styrene	11.97	104	220726	19.687	ug/l	99
71) Bromoform	12.13	173	63090	20.820	ug/l #	99
73) Isopropylbenzene	12.25	105	368937	21.191	ug/l	100
74) N-amyl acetate	12.07	43	164877	20.889	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	129369	21.133	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	123887m	22.439	ug/l	
77) Bromobenzene	12.53	156	90731	21.143	ug/l	97
78) n-propylbenzene	12.59	91	437340	21.252	ug/l	100
79) 2-Chlorotoluene	12.68	91	265444	21.075	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	312918	21.392	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	43087	20.330	ug/l	99
82) 4-Chlorotoluene	12.78	91	262509	20.395	ug/l	100
83) tert-Butylbenzene	13.00	119	261956	20.942	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	310270	21.505	ug/l	100
85) sec-Butylbenzene	13.18	105	352313	21.126	ug/l	99
86) p-Isopropyltoluene	13.29	119	312185	21.216	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	158037	20.596	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	156187	20.331	ug/l	98
89) n-Butylbenzene	13.62	91	266835	19.740	ug/l	99
90) Hexachloroethane	13.88	117	60236	20.202	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	155367	20.601	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27212	19.653	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	80643	18.650	ug/l	99
94) Hexachlorobutadiene	15.01	225	49436	20.224	ug/l	99
95) Naphthalene	15.13	128	222760	17.824	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	84013	19.701	ug/l	98

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

