

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059209.D
 Acq On : 13 Nov 2019 10:28
 Operator : JC/SP
 Sample : VN1113WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/14/2019 10:00:16 AM

Quant Time: Nov 14 08:05:08 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	399668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	620851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	556179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	252758	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	235308	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	7.57	113	185097	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	10.08	98	699156	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.40	95	248826	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	74625	18.532	ug/l	99
3) Chloromethane	2.04	50	97596	17.830	ug/l	100
4) Vinyl Chloride	2.17	62	101589	19.143	ug/l	100
5) Bromomethane	2.54	94	59640	19.529	ug/l	92
6) Chloroethane	2.68	64	60004	19.114	ug/l	95
7) Trichlorofluoromethane	3.00	101	126026	19.854	ug/l	99
8) Diethyl Ether	3.39	74	49936	19.361	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	77348	20.210	ug/l	99
10) Methyl Iodide	3.93	142	92157	19.453	ug/l	98
11) Tert butyl alcohol	4.75	59	88511	94.533	ug/l	99
12) 1,1-Dichloroethene	3.72	96	71139	19.081	ug/l	96
13) Acrolein	3.58	56	29756	61.640	ug/l	98
14) Allyl chloride	4.29	41	143354	18.719	ug/l	99
15) Acrylonitrile	4.95	53	229903	98.665	ug/l	99
16) Acetone	3.79	43	247608	96.918	ug/l	100
17) Carbon Disulfide	4.03	76	200899	17.359	ug/l	99
18) Methyl Acetate	4.29	43	123722	20.402	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	259807	20.241	ug/l	99
20) Methylene Chloride	4.52	84	86666	19.472	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	76594	19.139	ug/l	97
22) Diisopropyl ether	5.92	45	292183	20.199	ug/l	94
23) Vinyl Acetate	5.87	43	1174645	104.776	ug/l	100
24) 1,1-Dichloroethane	5.82	63	163371	20.221	ug/l	100
25) 2-Butanone	6.81	43	329555	97.875	ug/l	100
26) 2,2-Dichloropropane	6.80	77	136876	19.375	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	91661	19.742	ug/l	99
28) Bromochloromethane	7.17	49	49773	20.477	ug/l	99
29) Tetrahydrofuran	7.18	42	210990	98.618	ug/l	100
30) Chloroform	7.35	83	157050	20.264	ug/l	97
31) Cyclohexane	7.63	56	140194	18.329	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	130982	20.101	ug/l	99
36) 1,1-Dichloropropene	7.77	75	113938	19.634	ug/l	100
37) Ethyl Acetate	6.90	43	130152	20.160	ug/l	99
38) Carbon Tetrachloride	7.75	117	113767	19.697	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	127840	18.981	ug/l	97
40) Benzene	8.02	78	346642	19.836	ug/l	100
41) Methacrylonitrile	7.15	41	60833	21.670	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	122678	20.468	ug/l	98
43) Isopropyl Acetate	8.14	43	199072	19.342	ug/l	99
44) Trichloroethene	8.82	130	86649	20.171	ug/l	99
45) 1,2-Dichloropropane	9.10	63	96716	20.376	ug/l	99
46) Dibromomethane	9.19	93	58803	19.880	ug/l	100
47) Bromodichloromethane	9.39	83	121763	20.616	ug/l	100
48) Methyl methacrylate	9.18	41	87997	19.115	ug/l	100
49) 1,4-Dioxane	9.18	88	30440	372.063	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	628466	107.917	ug/l	99
52) Toluene	10.14	92	209048	19.958	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	133112	19.507	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	147188	20.053	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	86872	20.494	ug/l	98
56) Ethyl methacrylate	10.42	69	123875	18.738	ug/l	99
57) 1,3-Dichloropropane	10.70	76	150046	20.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	246105	104.321	ug/l	99
59) 2-Hexanone	10.74	43	454221	101.618	ug/l	100
60) Dibromochloromethane	10.90	129	91001	20.304	ug/l	99
61) 1,2-Dibromoethane	11.00	107	85729	19.978	ug/l	100
64) Tetrachloroethene	10.62	164	74806	19.780	ug/l	97
65) Chlorobenzene	11.43	112	220916	20.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	85537	21.031	ug/l	98
67) Ethyl Benzene	11.51	91	392208	20.389	ug/l	99
68) m/p-Xylenes	11.62	106	289353	40.156	ug/l	100
69) o-Xylene	11.94	106	138199	19.846	ug/l	100
70) Styrene	11.96	104	218555	19.956	ug/l	100
71) Bromoform	12.12	173	63267	19.999	ug/l #	100
73) Isopropylbenzene	12.25	105	379976	20.667	ug/l	100
74) N-amyl acetate	12.07	43	149643	19.208	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	128756	20.564	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	121112m	21.047	ug/l	
77) Bromobenzene	12.52	156	90634	19.621	ug/l	98
78) n-propylbenzene	12.59	91	431027	20.475	ug/l	99
79) 2-Chlorotoluene	12.67	91	261270	20.006	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	315441	20.248	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42388	19.456	ug/l	98
82) 4-Chlorotoluene	12.77	91	266227	20.325	ug/l	100
83) tert-Butylbenzene	12.99	119	268741	19.975	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	313515	20.800	ug/l	99
85) sec-Butylbenzene	13.17	105	361450	20.657	ug/l	100
86) p-Isopropyltoluene	13.29	119	317889	20.576	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	159408	20.153	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	154373	19.506	ug/l	98
89) n-Butylbenzene	13.62	91	263545	19.490	ug/l	99
90) Hexachloroethane	13.88	117	61366	19.781	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	160475	20.623	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25443	20.384	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	81714	19.300	ug/l	99
94) Hexachlorobutadiene	15.01	225	55677	20.752	ug/l	99
95) Naphthalene	15.13	128	217248	18.621	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	86102	19.745	ug/l	99

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

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