

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
 Data File : VN064100.D
 Acq On : 13 Oct 2020 14:35
 Operator : JC/MD
 Sample : VN1013WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1013WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:09:10 PM

Quant Time: Oct 14 04:03:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	244328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	377425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	192970	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	7.55	113	138271	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	10.06	98	513113	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	12.38	95	186481	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39387	15.278	ug/l	100
3) Chloromethane	2.04	50	53473	17.677	ug/l	98
4) Vinyl Chloride	2.16	62	51446	16.943	ug/l	99
5) Bromomethane	2.53	94	33546	17.564	ug/l	100
6) Chloroethane	2.67	64	33892	18.679	ug/l	100
7) Trichlorofluoromethane	2.98	101	85377	17.728	ug/l	97
8) Diethyl Ether	3.37	74	32081	19.697	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47091	18.295	ug/l	99
10) Methyl Iodide	3.91	142	54062	18.089	ug/l	99
11) Tert butyl alcohol	4.74	59	55281	124.049	ug/l #	90
12) 1,1-Dichloroethene	3.70	96	45401	18.453	ug/l	92
13) Acrolein	3.57	56	25233	92.257	ug/l	99
14) Allyl chloride	4.28	41	92879	20.320	ug/l	91
15) Acrylonitrile	4.93	53	145851	114.338	ug/l	99
16) Acetone	3.77	43	143209	115.254	ug/l	100
17) Carbon Disulfide	4.01	76	113963	17.598	ug/l	96
18) Methyl Acetate	4.28	43	82722	25.641	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	170995	19.130	ug/l	99
20) Methylene Chloride	4.50	84	57861	20.388	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	48992	17.778	ug/l	99
22) Diisopropyl ether	5.90	45	200791	21.351	ug/l	96
23) Vinyl Acetate	5.84	43	810888	104.093	ug/l	100
24) 1,1-Dichloroethane	5.80	63	106949	19.890	ug/l	99
25) 2-Butanone	6.79	43	211374	119.987	ug/l	97
26) 2,2-Dichloropropane	6.77	77	91794	18.642	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	57897	18.267	ug/l	95
28) Bromochloromethane	7.15	49	53487	20.126	ug/l	97
29) Tetrahydrofuran	7.16	42	143400	121.369	ug/l	96
30) Chloroform	7.33	83	109912	19.604	ug/l	94
31) Cyclohexane	7.61	56	84321	17.994	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	96944	19.170	ug/l	98
36) 1,1-Dichloropropene	7.75	75	75815	18.111	ug/l	98
37) Ethyl Acetate	6.88	43	88183	21.203	ug/l	100
38) Carbon Tetrachloride	7.73	117	81711	17.407	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	66559	15.944	ug/l	91
40) Benzene	8.00	78	225479	18.858	ug/l	98
41) Methacrylonitrile	7.12	41	34472m	18.649	ug/l	
42) 1,2-Dichloroethane	8.08	62	93358	18.291	ug/l	98
43) Isopropyl Acetate	8.13	43	145219	21.168	ug/l #	91
44) Trichloroethene	8.80	130	56589	18.063	ug/l	98
45) 1,2-Dichloropropane	9.08	63	62999	19.509	ug/l	98
46) Dibromomethane	9.18	93	41221	18.504	ug/l	98
47) Bromodichloromethane	9.37	83	87066	18.964	ug/l	97
48) Methyl methacrylate	9.17	41	71489	21.092	ug/l	90
49) 1,4-Dioxane	9.16	88	21527	446.893	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	460576	114.404	ug/l	100
52) Toluene	10.13	92	138884	18.779	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	90648	18.419	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	99425	19.318	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	57471	19.377	ug/l	97
56) Ethyl methacrylate	10.40	69	83173	19.784	ug/l	94
57) 1,3-Dichloropropane	10.68	76	98140	19.558	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	223746	99.495	ug/l	100
59) 2-Hexanone	10.72	43	328652	109.893	ug/l	98
60) Dibromochloromethane	10.87	129	65184	18.872	ug/l	99
61) 1,2-Dibromoethane	10.98	107	58221	19.190	ug/l	98
64) Tetrachloroethene	10.60	164	51814	17.744	ug/l	98
65) Chlorobenzene	11.41	112	146670	18.944	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.48	131	58272	19.633	ug/l	99
67) Ethyl Benzene	11.48	91	258799	18.370	ug/l	99
68) m/p-Xylenes	11.60	106	189262	36.046	ug/l	99
69) o-Xylene	11.92	106	91697	18.685	ug/l	97
70) Styrene	11.94	104	152915	18.356	ug/l	99
71) Bromoform	12.10	173	43757	19.276	ug/l #	97
73) Isopropylbenzene	12.23	105	240587	19.318	ug/l	99
74) N-amyl acetate	12.05	43	115007	21.204	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	85083	22.342	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	80779m	21.462	ug/l	
77) Bromobenzene	12.50	156	61619	20.164	ug/l	96
78) n-propylbenzene	12.57	91	273560	18.874	ug/l	99
79) 2-Chlorotoluene	12.65	91	172333	19.333	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	205718	19.690	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	27667	21.171	ug/l	98
82) 4-Chlorotoluene	12.75	91	179470	19.395	ug/l	99
83) tert-Butylbenzene	12.97	119	163745	19.160	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	199765	19.150	ug/l	96
85) sec-Butylbenzene	13.15	105	212103	18.896	ug/l	99
86) p-Isopropyltoluene	13.26	119	184655	18.595	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	102367	18.517	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	102871	17.871	ug/l	99
89) n-Butylbenzene	13.59	91	147529	16.097	ug/l	97
90) Hexachloroethane	13.85	117	37634	19.558	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	105691	19.302	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18272	20.459	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	42265	15.438	ug/l	95
94) Hexachlorobutadiene	14.98	225	27289	18.423	ug/l	96
95) Naphthalene	15.10	128	121998	14.657	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	41526	15.497	ug/l	100

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

