

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064081.D
 Acq On : 12 Oct 2020 16:37
 Operator : JC/MD
 Sample : VN1012WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 4:09:47 PM

Quant Time: Oct 13 01:50:20 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	243159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	399129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	372705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	190894	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.55	113	133805	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	10.06	98	494503	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.38	95	180512	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38585	15.039	ug/l	97
3) Chloromethane	2.04	50	49907	16.577	ug/l	95
4) Vinyl Chloride	2.16	62	49776	16.471	ug/l	98
5) Bromomethane	2.53	94	33169	17.450	ug/l	98
6) Chloroethane	2.67	64	31860	17.643	ug/l	98
7) Trichlorofluoromethane	2.98	101	79673	16.624	ug/l	100
8) Diethyl Ether	3.37	74	29512	18.207	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.72	101	44994	17.564	ug/l	95
10) Methyl Iodide	3.91	142	50361	16.932	ug/l	99
11) Tert butyl alcohol	4.73	59	53776	121.252	ug/l #	93
12) 1,1-Dichloroethene	3.70	96	40814	16.668	ug/l	97
13) Acrolein	3.57	56	22191	81.525	ug/l	96
14) Allyl chloride	4.27	41	83381	18.330	ug/l	95
15) Acrylonitrile	4.93	53	139014	109.502	ug/l #	87
16) Acetone	3.77	43	138132	111.702	ug/l	100
17) Carbon Disulfide	4.01	76	112198	17.416	ug/l	99
18) Methyl Acetate	4.28	43	77043	23.995	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	171902	19.324	ug/l	99
20) Methylene Chloride	4.50	84	52938	18.751	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	47852	17.448	ug/l	99
22) Diisopropyl ether	5.90	45	194586	20.791	ug/l	100
23) Vinyl Acetate	5.84	43	772895	99.693	ug/l	98
24) 1,1-Dichloroethane	5.79	63	103307	19.305	ug/l	98
25) 2-Butanone	6.78	43	201368	114.857	ug/l	98
26) 2,2-Dichloropropane	6.78	77	85653	17.478	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	56465	17.901	ug/l	98
28) Bromochloromethane	7.15	49	50919	19.252	ug/l	92
29) Tetrahydrofuran	7.16	42	138100	117.445	ug/l	93
30) Chloroform	7.33	83	106621	19.109	ug/l	94
31) Cyclohexane	7.61	56	80154	17.187	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	89369	17.757	ug/l	99
36) 1,1-Dichloropropene	7.75	75	69953	17.300	ug/l	99
37) Ethyl Acetate	6.88	43	84958	21.148	ug/l	97
38) Carbon Tetrachloride	7.73	117	79370	17.505	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	63084	15.644	ug/l	96
40) Benzene	8.00	78	212305	18.382	ug/l	100
41) Methacrylonitrile	7.12	41	35245m	19.740	ug/l	
42) 1,2-Dichloroethane	8.08	62	90782	18.414	ug/l	100
43) Isopropyl Acetate	8.13	43	140553	21.211	ug/l #	91
44) Trichloroethene	8.80	130	51834	17.129	ug/l	97
45) 1,2-Dichloropropane	9.08	63	60971	19.547	ug/l	96
46) Dibromomethane	9.17	93	40726	18.927	ug/l	98
47) Bromodichloromethane	9.37	83	84249	18.998	ug/l	98
48) Methyl methacrylate	9.17	41	67663	20.668	ug/l	89
49) 1,4-Dioxane	9.17	88	20539	441.424	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	439762	113.087	ug/l	99
52) Toluene	10.12	92	134791	18.868	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	88470	18.611	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	93074	18.722	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	56232	19.628	ug/l	99
56) Ethyl methacrylate	10.40	69	78603	19.356	ug/l	94
57) 1,3-Dichloropropane	10.68	76	96758	19.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	219159	100.893	ug/l	99
59) 2-Hexanone	10.72	43	314974	109.034	ug/l	99
60) Dibromochloromethane	10.87	129	62425	18.710	ug/l	98
61) 1,2-Dibromoethane	10.98	107	56634	19.325	ug/l	100
64) Tetrachloroethene	10.60	164	47357	16.423	ug/l	99
65) Chlorobenzene	11.41	112	138385	18.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	56210	19.178	ug/l	98
67) Ethyl Benzene	11.48	91	244833	17.599	ug/l	99
68) m/p-Xylenes	11.60	106	181412	34.989	ug/l	99
69) o-Xylene	11.92	106	87421	18.039	ug/l	99
70) Styrene	11.94	104	145965	17.744	ug/l	98
71) Bromoform	12.10	173	41187	18.373	ug/l #	99
73) Isopropylbenzene	12.23	105	230347	18.962	ug/l	99
74) N-amyl acetate	12.05	43	110664	20.947	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	81699	21.993	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	78163m	21.290	ug/l	
77) Bromobenzene	12.50	156	57555	19.309	ug/l	93
78) n-propylbenzene	12.57	91	265870	18.806	ug/l	99
79) 2-Chlorotoluene	12.65	91	167557	19.271	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	190894	18.731	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	27527	21.595	ug/l	92
82) 4-Chlorotoluene	12.75	91	173687	19.242	ug/l	99
83) tert-Butylbenzene	12.97	119	152406	18.282	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	192515	18.920	ug/l	98
85) sec-Butylbenzene	13.15	105	202982	18.538	ug/l	98
86) p-Isopropyltoluene	13.26	119	177360	18.310	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	101652	18.850	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	105610	18.809	ug/l	96
89) n-Butylbenzene	13.59	91	149279	16.698	ug/l	98
90) Hexachloroethane	13.85	117	35023	18.659	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	102515	19.193	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17515	20.105	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	42201	15.762	ug/l	99
94) Hexachlorobutadiene	14.98	225	28629	19.809	ug/l	100
95) Naphthalene	15.10	128	126086	15.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	43267	16.446	ug/l	98

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

