

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064393.D
 Acq On : 30 Oct 2020 12:25
 Operator : JC/MD
 Sample : VN1030WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 4:11:36 PM

Quant Time: Oct 30 13:48:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	237133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	355187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	190873	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	7.54	113	132540	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.05	98	473329	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.37	95	181711	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	51688	18.962	ug/l	93
3) Chloromethane	2.04	50	51136	17.354	ug/l	97
4) Vinyl Chloride	2.16	62	50861	17.845	ug/l	99
5) Bromomethane	2.54	94	33576	18.231	ug/l	98
6) Chloroethane	2.68	64	30487	17.901	ug/l	97
7) Trichlorofluoromethane	2.99	101	89639	18.774	ug/l	97
8) Diethyl Ether	3.37	74	29156	19.303	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	44545	18.562	ug/l	98
10) Methyl Iodide	3.91	142	49234	15.374	ug/l	97
11) Tert butyl alcohol	4.72	59	44660	80.733	ug/l #	79
12) 1,1-Dichloroethene	3.70	96	39882	17.604	ug/l	97
13) Acrolein	3.58	56	7119m	72.788	ug/l	
14) Allyl chloride	4.27	41	76286	16.491	ug/l	96
15) Acrylonitrile	4.93	53	108040	90.820	ug/l	99
16) Acetone	3.77	43	118857	86.688	ug/l	97
17) Carbon Disulfide	4.01	76	113468	16.928	ug/l	99
18) Methyl Acetate	4.27	43	54116	18.905	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	165825	19.050	ug/l	99
20) Methylene Chloride	4.50	84	49761	18.413	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	44653	17.668	ug/l	97
22) Diisopropyl ether	5.89	45	174929	19.346	ug/l	99
23) Vinyl Acetate	5.84	43	728864	95.280	ug/l	97
24) 1,1-Dichloroethane	5.79	63	92787	18.339	ug/l	99
25) 2-Butanone	6.78	43	167504	87.545	ug/l	99
26) 2,2-Dichloropropane	6.77	77	88755	17.924	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	54972	19.006	ug/l	98
28) Bromochloromethane	7.15	49	41760	17.323	ug/l	99
29) Tetrahydrofuran	7.16	42	109445	88.110	ug/l	99
30) Chloroform	7.33	83	98173	18.178	ug/l	100
31) Cyclohexane	7.61	56	73954	16.722	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	91980	17.736	ug/l	96
36) 1,1-Dichloropropene	7.75	75	72404	18.291	ug/l	99
37) Ethyl Acetate	6.87	43	61310	15.334	ug/l	96
38) Carbon Tetrachloride	7.73	117	83819	18.265	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	59610	15.187	ug/l	98
40) Benzene	8.00	78	196915	17.872	ug/l	97
41) Methacrylonitrile	7.12	41	35195	17.732	ug/l	91
42) 1,2-Dichloroethane	8.08	62	91275	19.177	ug/l	99
43) Isopropyl Acetate	8.12	43	125240	18.323	ug/l #	90
44) Trichloroethene	8.80	130	53026	18.371	ug/l	95
45) 1,2-Dichloropropane	9.08	63	54410	18.441	ug/l	95
46) Dibromomethane	9.17	93	38374	18.591	ug/l	98
47) Bromodichloromethane	9.37	83	82479	18.030	ug/l	98
48) Methyl methacrylate	9.16	41	64125	18.184	ug/l	94
49) 1,4-Dioxane	9.16	88	17709	340.710	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	352377	88.692	ug/l	99
52) Toluene	10.12	92	124691	17.934	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	87134	18.015	ug/l	98
54) cis-1,3-Dichloropropene	9.80	75	90341	18.144	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	50584	18.431	ug/l	95
56) Ethyl methacrylate	10.40	69	74073	17.829	ug/l	99
57) 1,3-Dichloropropane	10.68	76	87857	18.766	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	185369	81.765	ug/l	98
59) 2-Hexanone	10.72	43	253052	86.480	ug/l	98
60) Dibromochloromethane	10.87	129	60798	18.736	ug/l	97
61) 1,2-Dibromoethane	10.97	107	55355	19.795	ug/l	96
64) Tetrachloroethene	10.60	164	50373	17.255	ug/l	91
65) Chlorobenzene	11.40	112	136415	18.944	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	53691	18.448	ug/l	97
67) Ethyl Benzene	11.48	91	242220	18.093	ug/l	100
68) m/p-Xylenes	11.59	106	181899	36.664	ug/l	97
69) o-Xylene	11.92	106	86841	18.169	ug/l	95
70) Styrene	11.94	104	145269	18.537	ug/l	99
71) Bromoform	12.10	173	39869	17.454	ug/l #	96
73) Isopropylbenzene	12.22	105	221268	18.713	ug/l	99
74) N-amyl acetate	12.04	43	101029	19.411	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	65261	18.987	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	71136m	18.816	ug/l	
77) Bromobenzene	12.50	156	56616	19.553	ug/l	99
78) n-propylbenzene	12.56	91	245195	18.316	ug/l	99
79) 2-Chlorotoluene	12.65	91	161932	18.923	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	184076	18.398	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23297	17.750	ug/l	93
82) 4-Chlorotoluene	12.75	91	169770	19.474	ug/l	99
83) tert-Butylbenzene	12.96	119	150333	18.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	192245	19.230	ug/l	100
85) sec-Butylbenzene	13.14	105	183120	17.236	ug/l	99
86) p-Isopropyltoluene	13.26	119	164663	17.203	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	95507	18.842	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	95906	18.577	ug/l	100
89) n-Butylbenzene	13.59	91	138919	16.475	ug/l	97
90) Hexachloroethane	13.84	117	31027	17.260	ug/l	98
91) 1,2-Dichlorobenzene	13.62	146	92803	18.415	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16568	19.427	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	44431	16.739	ug/l	97
94) Hexachlorobutadiene	14.98	225	23588	15.253	ug/l	95
95) Naphthalene	15.10	128	134011	16.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	42397	16.705	ug/l	93

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

