

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064937.D
 Acq On : 7 Dec 2020 11:54
 Operator : JC/MD
 Sample : VN1207WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:04:02 PM

Quant Time: Dec 08 07:26:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	201623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	283856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	114814	48.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.96%
35) Dibromofluoromethane	7.55	113	100603	53.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.38%
50) Toluene-d8	10.06	98	380556	49.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.42%
62) 4-Bromofluorobenzene	12.37	95	133349	48.67	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.34%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	26998	15.450	ug/l	96
3) Chloromethane	2.04	50	35152	15.480	ug/l	98
4) Vinyl Chloride	2.17	62	38570	16.292	ug/l	100
5) Bromomethane	2.53	94	25150	16.192	ug/l	100
6) Chloroethane	2.67	64	23111	15.783	ug/l	98
7) Trichlorofluoromethane	2.99	101	57081	17.442	ug/l	99
8) Diethyl Ether	3.37	74	22666	17.547	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	35328	17.996	ug/l	99
10) Methyl Iodide	3.91	142	38664	15.184	ug/l	98
11) Tert butyl alcohol	4.75	59	29916	81.838	ug/l #	90
12) 1,1-Dichloroethene	3.69	96	33895	17.336	ug/l	98
13) Acrolein	3.56	56	19223	86.091	ug/l	99
14) Allyl chloride	4.28	41	54851	17.010	ug/l	99
15) Acrylonitrile	4.93	53	86737	85.891	ug/l	98
16) Acetone	3.78	43	74754	97.015	ug/l	96
17) Carbon Disulfide	4.01	76	80726	15.995	ug/l	97
18) Methyl Acetate	4.28	43	41381	17.862	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	114736	18.298	ug/l	98
20) Methylene Chloride	4.50	84	41407	17.149	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	37192	17.130	ug/l	94
22) Diisopropyl ether	5.90	45	118868	18.416	ug/l	98
23) Vinyl Acetate	5.85	43	466286	90.340	ug/l	100
24) 1,1-Dichloroethane	5.80	63	68859	17.851	ug/l	99
25) 2-Butanone	6.79	43	114477	91.649	ug/l	99
26) 2,2-Dichloropropane	6.78	77	60731	18.153	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	43316	17.730	ug/l	98
28) Bromochloromethane	7.15	49	31108	17.628	ug/l	96
29) Tetrahydrofuran	7.17	42	73626	85.390	ug/l	99
30) Chloroform	7.33	83	71696	18.023	ug/l	99
31) Cyclohexane	7.61	56	53174	16.276	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	61629	18.038	ug/l	99
36) 1,1-Dichloropropene	7.75	75	51471	17.733	ug/l	99
37) Ethyl Acetate	6.88	43	49389	17.664	ug/l	99
38) Carbon Tetrachloride	7.73	117	54187	17.942	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48892	15.647	ug/l	99
40) Benzene	8.00	78	159317	17.912	ug/l	99
41) Methacrylonitrile	7.12	41	20948	16.237	ug/l #	91
42) 1,2-Dichloroethane	8.08	62	53206	17.732	ug/l	100
43) Isopropyl Acetate	8.13	43	77443	17.213	ug/l	99
44) Trichloroethene	8.80	130	45779	17.444	ug/l	97
45) 1,2-Dichloropropane	9.08	63	41436	17.989	ug/l	100
46) Dibromomethane	9.17	93	27786	18.057	ug/l	99
47) Bromodichloromethane	9.37	83	55632	17.967	ug/l	99
48) Methyl methacrylate	9.17	41	37243	17.324	ug/l	98
49) 1,4-Dioxane	9.17	88	13487	331.930	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	235888	87.333	ug/l	100
52) Toluene	10.12	92	99333	18.134	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	59802	17.341	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	66234	17.918	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	41064	18.231	ug/l	96
56) Ethyl methacrylate	10.40	69	54229	17.446	ug/l	98
57) 1,3-Dichloropropane	10.68	76	67239	18.096	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	155697	91.062	ug/l	99
59) 2-Hexanone	10.72	43	169631	87.264	ug/l	98
60) Dibromochloromethane	10.87	129	45551	18.193	ug/l	100
61) 1,2-Dibromoethane	10.98	107	40357	17.635	ug/l	100
64) Tetrachloroethene	10.60	164	45780	16.577	ug/l	98
65) Chlorobenzene	11.41	112	108774	17.844	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	41125	18.358	ug/l	98
67) Ethyl Benzene	11.48	91	181529	17.826	ug/l	99
68) m/p-Xylenes	11.59	106	140884	36.541	ug/l	97
69) o-Xylene	11.92	106	66108	18.069	ug/l	99
70) Styrene	11.94	104	112140	18.156	ug/l	100
71) Bromoform	12.10	173	31474	17.591	ug/l #	98
73) Isopropylbenzene	12.22	105	178128	18.809	ug/l	100
74) N-amyl acetate	12.04	43	63712	17.095	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	51955	18.717	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	55377m	18.886	ug/l	
77) Bromobenzene	12.50	156	46365	18.160	ug/l	98
78) n-propylbenzene	12.56	91	195919	18.160	ug/l	100
79) 2-Chlorotoluene	12.65	91	120953	18.137	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	146725	18.640	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	17602	16.453	ug/l	94
82) 4-Chlorotoluene	12.75	91	127474	18.236	ug/l	100
83) tert-Butylbenzene	12.97	119	122583	18.579	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	149489	18.783	ug/l	100
85) sec-Butylbenzene	13.14	105	155880	17.794	ug/l	100
86) p-Isopropyltoluene	13.26	119	144920	18.170	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	81460	17.958	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	81178	16.922	ug/l	99
89) n-Butylbenzene	13.59	91	113755	16.241	ug/l	99
90) Hexachloroethane	13.85	117	25155	18.156	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	80908	18.165	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10048	16.088	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	41591	15.095	ug/l	97
94) Hexachlorobutadiene	14.98	225	21775	17.792	ug/l	98
95) Naphthalene	15.10	128	116472	14.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	38717	15.767	ug/l	97

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

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