

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064876.D
 Acq On : 1 Dec 2020 12:30
 Operator : JC/MD
 Sample : VN1201WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:43:23 PM

Quant Time: Dec 02 00:26:50 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	209121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	319796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	114105	46.93	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.86%
35) Dibromofluoromethane	7.55	113	98955	51.71	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.42%
50) Toluene-d8	10.06	98	385066	49.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.50%
62) 4-Bromofluorobenzene	12.38	95	133573	47.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.48%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	29863	16.477	ug/l 100
3) Chloromethane	2.04	50	37633	15.979	ug/l 98
4) Vinyl Chloride	2.16	62	39945	16.268	ug/l 97
5) Bromomethane	2.53	94	26608	16.516	ug/l 98
6) Chloroethane	2.67	64	25475	16.774	ug/l 99
7) Trichlorofluoromethane	2.99	101	59898	17.647	ug/l 100
8) Diethyl Ether	3.37	74	22515	16.805	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	37404	18.370	ug/l 99
10) Methyl Iodide	3.90	142	40157	15.205	ug/l 99
11) Tert butyl alcohol	4.76	59	31659	83.501	ug/l 97
12) 1,1-Dichloroethene	3.69	96	35317	17.416	ug/l 97
13) Acrolein	3.56	56	20073	86.675	ug/l 99
14) Allyl chloride	4.27	41	54821	16.391	ug/l 100
15) Acrylonitrile	4.93	53	94028	89.773	ug/l 98
16) Acetone	3.78	43	71470	89.428	ug/l 99
17) Carbon Disulfide	4.00	76	87766	16.766	ug/l 99
18) Methyl Acetate	4.28	43	43949	18.291	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	112301	17.267	ug/l 97
20) Methylene Chloride	4.50	84	42548	16.990	ug/l 93
21) trans-1,2-Dichloroethene	4.99	96	38313	17.013	ug/l 94
22) Diisopropyl ether	5.90	45	122901	18.359	ug/l 99
23) Vinyl Acetate	5.84	43	473231	88.398	ug/l 98
24) 1,1-Dichloroethane	5.79	63	70830	17.704	ug/l 98
25) 2-Butanone	6.79	43	114722	88.552	ug/l 99
26) 2,2-Dichloropropane	6.77	77	59632	17.185	ug/l 97
27) cis-1,2-Dichloroethene	6.78	96	44740	17.656	ug/l 98
28) Bromochloromethane	7.15	49	31924	17.442	ug/l 97
29) Tetrahydrofuran	7.17	42	79146	88.501	ug/l 98
30) Chloroform	7.32	83	73618	17.843	ug/l 98
31) Cyclohexane	7.61	56	57614	17.003	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	62093	17.523	ug/l 98
36) 1,1-Dichloropropene	7.75	75	52984	17.875	ug/l 99
37) Ethyl Acetate	6.88	43	50497	17.685	ug/l 98
38) Carbon Tetrachloride	7.73	117	55932	18.135	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	56708	17.771	ug/l	97
40) Benzene	8.00	78	163538	18.004	ug/l	99
41) Methacrylonitrile	7.12	41	22974	17.438	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	54261	17.708	ug/l	99
43) Isopropyl Acetate	8.13	43	80847	17.596	ug/l	99
44) Trichloroethene	8.80	130	49109	18.324	ug/l	98
45) 1,2-Dichloropropane	9.08	63	43119	18.331	ug/l	97
46) Dibromomethane	9.17	93	28803	18.329	ug/l	98
47) Bromodichloromethane	9.37	83	58097	18.373	ug/l	98
48) Methyl methacrylate	9.16	41	39756	18.108	ug/l	100
49) 1,4-Dioxane	9.16	88	14865	358.242	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	252452	91.524	ug/l	99
52) Toluene	10.12	92	103819	18.559	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61449	17.448	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	68790	18.223	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	41598	18.084	ug/l	97
56) Ethyl methacrylate	10.40	69	55481	17.478	ug/l	98
57) 1,3-Dichloropropane	10.68	76	70609	18.608	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	156615	89.696	ug/l	100
59) 2-Hexanone	10.72	43	178903	90.122	ug/l	99
60) Dibromochloromethane	10.87	129	45461	17.780	ug/l	97
61) 1,2-Dibromoethane	10.98	107	42564	18.213	ug/l	100
64) Tetrachloroethene	10.60	164	56026	19.752	ug/l	98
65) Chlorobenzene	11.41	112	114084	18.221	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	43200	18.775	ug/l	100
67) Ethyl Benzene	11.48	91	188546	18.026	ug/l	99
68) m/p-Xylenes	11.59	106	147350	37.209	ug/l	98
69) o-Xylene	11.92	106	68271	18.168	ug/l	97
70) Styrene	11.94	104	119022	18.762	ug/l	99
71) Bromoform	12.10	173	31826	17.318	ug/l #	100
73) Isopropylbenzene	12.22	105	184705	18.616	ug/l	100
74) N-amyl acetate	12.05	43	67360	17.251	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	51605	17.745	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	55962m	18.217	ug/l	
77) Bromobenzene	12.50	156	48961	18.303	ug/l	98
78) n-propylbenzene	12.57	91	209949	18.574	ug/l	99
79) 2-Chlorotoluene	12.65	91	129013	18.465	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	156599	18.988	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	19349	17.263	ug/l	97
82) 4-Chlorotoluene	12.75	91	135267	18.470	ug/l	99
83) tert-Butylbenzene	12.97	119	128764	18.627	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	159726	19.155	ug/l	100
85) sec-Butylbenzene	13.14	105	173826	18.939	ug/l	100
86) p-Isopropyltoluene	13.26	119	159102	19.040	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	87495	18.410	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	88859	17.680	ug/l	99
89) n-Butylbenzene	13.59	91	130544	17.789	ug/l	99
90) Hexachloroethane	13.85	117	27369	18.854	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	85084	18.233	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	11306	17.278	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47479	16.447	ug/l	98
94) Hexachlorobutadiene	14.98	225	25193	19.608	ug/l	98
95) Naphthalene	15.10	128	132898	15.367	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46089	17.725	ug/l	99

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

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