

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063610.D
 Acq On : 24 Sep 2020 00:53
 Operator : JC/MD
 Sample : VN0923WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:38:22 PM

Quant Time: Sep 24 05:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	238595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	426687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	394657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	201303	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.55	113	140173	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	10.06	98	528375	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.38	95	198214	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47347	17.516	ug/l	99
3) Chloromethane	2.04	50	58836	16.454	ug/l	94
4) Vinyl Chloride	2.16	62	57611	18.184	ug/l	100
5) Bromomethane	2.54	94	38000	20.201	ug/l	98
6) Chloroethane	2.68	64	36713	18.878	ug/l	96
7) Trichlorofluoromethane	2.99	101	91087	19.270	ug/l	100
8) Diethyl Ether	3.38	74	32221	17.486	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49903	18.773	ug/l	98
10) Methyl Iodide	3.92	142	57057	16.486	ug/l	97
11) Tert butyl alcohol	4.73	59	47762	84.885	ug/l #	82
12) 1,1-Dichloroethene	3.70	96	47807	17.756	ug/l	97
13) Acrolein	3.57	56	14717	70.580	ug/l	97
14) Allyl chloride	4.28	41	85147	15.987	ug/l	96
15) Acrylonitrile	4.94	53	126872	88.645	ug/l #	91
16) Acetone	3.78	43	117247	89.824	ug/l	98
17) Carbon Disulfide	4.01	76	121602	15.527	ug/l	100
18) Methyl Acetate	4.28	43	62735	18.932	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	177664	17.704	ug/l	97
20) Methylene Chloride	4.51	84	59234	17.911	ug/l	94
21) trans-1,2-Dichloroethene	5.00	96	53278	17.860	ug/l	89
22) Diisopropyl ether	5.90	45	191274	17.610	ug/l	97
23) Vinyl Acetate	5.85	43	773675	86.729	ug/l	98
24) 1,1-Dichloroethane	5.80	63	107764	18.172	ug/l	99
25) 2-Butanone	6.79	43	177391	88.363	ug/l	94
26) 2,2-Dichloropropane	6.78	77	71435	13.682	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	61441	18.197	ug/l	100
28) Bromochloromethane	7.15	49	50539	18.458	ug/l	99
29) Tetrahydrofuran	7.17	42	119024	86.809	ug/l	99
30) Chloroform	7.33	83	112937	18.982	ug/l	98
31) Cyclohexane	7.61	56	90245	16.088	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	97323	18.391	ug/l	99
36) 1,1-Dichloropropene	7.76	75	77337	17.013	ug/l	97
37) Ethyl Acetate	6.88	43	73382	16.448	ug/l	98
38) Carbon Tetrachloride	7.74	117	82252	17.726	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75153	15.233	ug/l	99
40) Benzene	8.00	78	229388	17.677	ug/l	97
41) Methacrylonitrile	7.13	41	33277	16.584	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	94835	18.173	ug/l	99
43) Isopropyl Acetate	8.13	43	132532	16.613	ug/l	99
44) Trichloroethene	8.80	130	58307	18.526	ug/l	96
45) 1,2-Dichloropropane	9.09	63	63575	17.988	ug/l	98
46) Dibromomethane	9.17	93	42879	18.459	ug/l	100
47) Bromodichloromethane	9.37	83	86301	17.883	ug/l	99
48) Methyl methacrylate	9.17	41	63453	16.189	ug/l	94
49) 1,4-Dioxane	9.16	88	18401	327.152	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	401376	89.872	ug/l	99
52) Toluene	10.13	92	144488	18.520	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	86876	16.126	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	92936	16.354	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	58411	18.849	ug/l	97
56) Ethyl methacrylate	10.40	69	80528	16.646	ug/l	96
57) 1,3-Dichloropropane	10.68	76	99915	17.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	200544	79.022	ug/l	98
59) 2-Hexanone	10.72	43	284530	87.938	ug/l	98
60) Dibromochloromethane	10.87	129	61830	17.661	ug/l	100
61) 1,2-Dibromoethane	10.98	107	58795	18.262	ug/l	100
64) Tetrachloroethene	10.60	164	53171	19.786	ug/l	99
65) Chlorobenzene	11.41	112	148698	17.750	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	54156	17.635	ug/l	96
67) Ethyl Benzene	11.49	91	278518	17.654	ug/l	99
68) m/p-Xylenes	11.59	106	199664	35.102	ug/l	100
69) o-Xylene	11.92	106	96544	17.817	ug/l	99
70) Styrene	11.94	104	164552	18.109	ug/l	99
71) Bromoform	12.10	173	38996	17.046	ug/l #	96
73) Isopropylbenzene	12.23	105	262322	18.007	ug/l	100
74) N-amyl acetate	12.05	43	110211	15.982	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	80909	17.937	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	75620m	16.805	ug/l	
77) Bromobenzene	12.50	156	61627	18.806	ug/l	97
78) n-propylbenzene	12.57	91	294929	17.382	ug/l	100
79) 2-Chlorotoluene	12.65	91	181894	17.883	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	213654	17.588	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	23540	14.343	ug/l	92
82) 4-Chlorotoluene	12.75	91	191090	17.781	ug/l	100
83) tert-Butylbenzene	12.97	119	177582	17.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	217092	17.692	ug/l	99
85) sec-Butylbenzene	13.15	105	232712	17.340	ug/l	99
86) p-Isopropyltoluene	13.26	119	200052	16.900	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	110488	18.191	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	110413	17.880	ug/l	97
89) n-Butylbenzene	13.59	91	173491	15.901	ug/l	98
90) Hexachloroethane	13.85	117	36182	16.052	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109768	18.408	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17849	16.617	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	56050	15.944	ug/l	98
94) Hexachlorobutadiene	14.98	225	27160	18.662	ug/l	97
95) Naphthalene	15.11	128	183900	15.834	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	55423	16.317	ug/l	99

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

