

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064600.D
 Acq On : 13 Nov 2020 00:06
 Operator : JC/MD
 Sample : VN1112WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:43:08 AM

Quant Time: Nov 13 04:10:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	272029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	466862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213495	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	251382	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.55	113	176675	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.06	98	639348	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.38	95	232946	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	61767	17.443	ug/l	96
3) Chloromethane	2.04	50	77699	18.065	ug/l	100
4) Vinyl Chloride	2.17	62	84703	19.177	ug/l	96
5) Bromomethane	2.54	94	60743	21.527	ug/l	99
6) Chloroethane	2.68	64	56526	19.989	ug/l	96
7) Trichlorofluoromethane	2.99	101	130701	20.096	ug/l	94
8) Diethyl Ether	3.38	74	46883	20.412	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	57592	18.647	ug/l	99
10) Methyl Iodide	3.91	142	68210	19.006	ug/l	97
11) Tert butyl alcohol	4.76	59	56628	108.371	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	54820	18.843	ug/l	96
13) Acrolein	3.57	56	23233	71.679	ug/l	93
14) Allyl chloride	4.27	41	99422	17.470	ug/l	99
15) Acrylonitrile	4.94	53	155960	107.203	ug/l	98
16) Acetone	3.78	43	148903	82.499	ug/l	100
17) Carbon Disulfide	4.00	76	158177	18.181	ug/l	100
18) Methyl Acetate	4.28	43	85994	24.234	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	192715	18.405	ug/l	98
20) Methylene Chloride	4.50	84	68979	19.262	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	61434	18.598	ug/l	99
22) Diisopropyl ether	5.91	45	220290	18.235	ug/l	96
23) Vinyl Acetate	5.85	43	879537	89.495	ug/l	99
24) 1,1-Dichloroethane	5.80	63	123393	18.587	ug/l	99
25) 2-Butanone	6.79	43	222313	96.670	ug/l	100
26) 2,2-Dichloropropane	6.78	77	93491	15.557	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	70907	18.525	ug/l	95
28) Bromochloromethane	7.15	49	64478	19.760	ug/l	99
29) Tetrahydrofuran	7.17	42	141352	100.184	ug/l	97
30) Chloroform	7.33	83	137558	19.713	ug/l	97
31) Cyclohexane	7.61	56	94498	16.406	ug/l #	87
32) 1,1,1-Trichloroethane	7.53	97	121344	19.606	ug/l	100
36) 1,1-Dichloropropene	7.75	75	91255	17.014	ug/l	99
37) Ethyl Acetate	6.89	43	94032	17.772	ug/l	98
38) Carbon Tetrachloride	7.73	117	103565	18.067	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	76145	15.837	ug/l	92
40) Benzene	8.00	78	275825	17.500	ug/l	100
41) Methacrylonitrile	7.13	41	44508	18.717	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	118871	18.689	ug/l	100
43) Isopropyl Acetate	8.13	43	159256	18.322	ug/l	99
44) Trichloroethene	8.80	130	69095	17.376	ug/l	99
45) 1,2-Dichloropropane	9.08	63	77436	18.413	ug/l	98
46) Dibromomethane	9.17	93	53962	19.492	ug/l	97
47) Bromodichloromethane	9.37	83	111228	18.686	ug/l	99
48) Methyl methacrylate	9.17	41	79505	18.126	ug/l	98
49) 1,4-Dioxane	9.17	88	23012	398.328	ug/l	92
51) 4-Methyl-2-Pentanone	9.96	43	505692	99.760	ug/l	99
52) Toluene	10.13	92	171178	17.807	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	104989	16.636	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	113887	16.879	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	72621	19.371	ug/l	99
56) Ethyl methacrylate	10.40	69	92518	16.288	ug/l	96
57) 1,3-Dichloropropane	10.68	76	119421	18.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	256389	101.927	ug/l	98
59) 2-Hexanone	10.72	43	358431	89.344	ug/l	99
60) Dibromochloromethane	10.87	129	77278	18.411	ug/l	96
61) 1,2-Dibromoethane	10.98	107	72460	19.055	ug/l	100
64) Tetrachloroethene	10.60	164	64329	17.888	ug/l	99
65) Chlorobenzene	11.41	112	180977	17.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	73612	19.279	ug/l	99
67) Ethyl Benzene	11.49	91	309684	17.011	ug/l	100
68) m/p-Xylenes	11.59	106	226530	34.311	ug/l	98
69) o-Xylene	11.92	106	106552	16.702	ug/l	97
70) Styrene	11.94	104	188107	17.522	ug/l	100
71) Bromoform	12.10	173	51471	18.771	ug/l #	97
73) Isopropylbenzene	12.22	105	284064	16.740	ug/l	99
74) N-amyl acetate	12.05	43	125138	16.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	102572	19.679	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	101881m	19.696	ug/l	
77) Bromobenzene	12.50	156	73208	17.671	ug/l	98
78) n-propylbenzene	12.57	91	327785	16.943	ug/l	100
79) 2-Chlorotoluene	12.65	91	213572	17.406	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	242805	17.344	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	29300	15.815	ug/l	90
82) 4-Chlorotoluene	12.75	91	218424	16.998	ug/l	97
83) tert-Butylbenzene	12.97	119	188373	17.229	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	241375	17.152	ug/l	99
85) sec-Butylbenzene	13.15	105	240257	17.351	ug/l	99
86) p-Isopropyltoluene	13.26	119	212316	17.047	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	126651	17.685	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	123178	16.643	ug/l	98
89) n-Butylbenzene	13.59	91	180239	16.831	ug/l	96
90) Hexachloroethane	13.85	117	46087	19.182	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	124969	18.141	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22086	21.283	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	49616	16.375	ug/l	97
94) Hexachlorobutadiene	14.98	225	27651	19.715	ug/l	97
95) Naphthalene	15.11	128	155608	15.949	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	52339	17.690	ug/l	97

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

