

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079225.D
 Acq On : 11 Sep 2023 18:41
 Operator : JC\MD
 Sample : VN0911MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 05:21:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	152450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	258589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	230839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108363	52.656	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.320%			
35) Dibromofluoromethane	8.171	113	91256	53.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.100%			
50) Toluene-d8	10.571	98	350188	55.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.900%			
62) 4-Bromofluorobenzene	12.853	95	112738	55.959	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	26359	17.475	ug/l	97
3) Chloromethane	2.365	50	35158	17.755	ug/l	97
4) Vinyl Chloride	2.512	62	38511	17.849	ug/l	97
5) Bromomethane	2.942	94	20482	16.515	ug/l	96
6) Chloroethane	3.112	64	25693	17.994	ug/l	97
7) Trichlorofluoromethane	3.495	101	55924	17.701	ug/l	97
8) Diethyl Ether	3.965	74	21117	19.257	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	31463	18.726	ug/l	97
10) Methyl Iodide	4.589	142	28410	20.670	ug/l	100
11) Tert butyl alcohol	5.536	59	33038	86.956	ug/l	98
12) 1,1-Dichloroethene	4.336	96	30580	18.807	ug/l	93
13) Acrolein	4.183	56	34439	95.025	ug/l	94
14) Allyl chloride	5.030	41	47756	18.412	ug/l	89
15) Acrylonitrile	5.724	53	94234	95.653	ug/l	100
16) Acetone	4.436	43	75081	85.904	ug/l	97
17) Carbon Disulfide	4.712	76	88530	17.421	ug/l	99
18) Methyl Acetate	5.036	43	68322	19.020	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	106664	19.128	ug/l	97
20) Methylene Chloride	5.277	84	38180	17.951	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	35648	18.900	ug/l	88
22) Diisopropyl ether	6.677	45	111337	19.564	ug/l #	93
23) Vinyl Acetate	6.612	43	339868	97.093	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	67900	19.354	ug/l	98
25) 2-Butanone	7.494	43	120528	95.044	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	53445	18.564	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	41235	19.119	ug/l	91
28) Bromochloromethane	7.824	49	24011	15.137	ug/l	83
29) Tetrahydrofuran	7.847	42	82148	101.793	ug/l #	79
30) Chloroform	7.971	83	69144	18.930	ug/l	95
31) Cyclohexane	8.265	56	55572	18.494	ug/l #	84
32) 1,1,1-Trichloroethane	8.177	97	59377	19.070	ug/l	95
36) 1,1-Dichloropropene	8.377	75	50127	18.907	ug/l	96
37) Ethyl Acetate	7.571	43	49658	18.778	ug/l #	95
38) Carbon Tetrachloride	8.371	117	51941	18.931	ug/l	98
39) Methylcyclohexane	9.606	83	49944	19.097	ug/l	91
40) Benzene	8.612	78	155077	19.107	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	27870	20.902	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	51202	18.325	ug/l	99
43) Isopropyl Acetate	8.694	43	79516	18.428	ug/l #	93
44) Trichloroethene	9.359	130	38667	19.339	ug/l	94
45) 1,2-Dichloropropane	9.624	63	40136	19.926	ug/l	96
46) Dibromomethane	9.712	93	25982	19.001	ug/l	89
47) Bromodichloromethane	9.894	83	54082	19.310	ug/l	95
48) Methyl methacrylate	9.688	41	35624	18.432	ug/l	86
49) 1,4-Dioxane	9.700	88	15663	394.006	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	246192	98.288	ug/l	94
52) Toluene	10.635	92	97405	19.528	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	56925	19.276	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	62685	19.846	ug/l	98
55) 1,1,2-Trichloroethane	11.024	97	37603	19.213	ug/l	94
56) Ethyl methacrylate	10.882	69	56484	20.445	ug/l #	85
57) 1,3-Dichloropropane	11.171	76	66331	19.605	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	89287	82.929	ug/l	92
59) 2-Hexanone	11.200	43	176631	97.361	ug/l	94
60) Dibromochloromethane	11.365	129	39093	18.768	ug/l	97
61) 1,2-Dibromoethane	11.476	107	38570	19.747	ug/l	96
64) Tetrachloroethene	11.112	164	32185	19.121	ug/l	90
65) Chlorobenzene	11.894	112	98237	18.785	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	36835	18.784	ug/l	98
67) Ethyl Benzene	11.971	91	174785	19.541	ug/l	99
68) m/p-Xylenes	12.076	106	130987	39.288	ug/l	95
69) o-Xylene	12.400	106	63424	19.835	ug/l	93
70) Styrene	12.418	104	102272	19.887	ug/l	98
71) Bromoform	12.582	173	28008	19.347	ug/l #	99
73) Isopropylbenzene	12.700	105	162079	19.295	ug/l	99
74) N-amyl acetate	12.500	43	61134	19.183	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	56056	17.921	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	50124m	20.144	ug/l	
77) Bromobenzene	12.982	156	39723	18.676	ug/l	98
78) n-propylbenzene	13.041	91	184549	19.558	ug/l	99
79) 2-Chlorotoluene	13.129	91	114909	18.619	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	134955	19.281	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	17947	19.829	ug/l	94
82) 4-Chlorotoluene	13.229	91	109550	18.891	ug/l	100
83) tert-Butylbenzene	13.447	119	113527	19.607	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	132119	19.820	ug/l	100
85) sec-Butylbenzene	13.623	105	153909	19.308	ug/l	99
86) p-Isopropyltoluene	13.735	119	124189	19.500	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	63940	18.328	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	63240	17.939	ug/l	99
89) n-Butylbenzene	14.059	91	93744	18.719	ug/l	99
90) Hexachloroethane	14.341	117	24075	18.615	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	65795	19.105	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	8976	18.877	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	22356	18.064	ug/l	98
94) Hexachlorobutadiene	15.506	225	16298	16.741	ug/l	99
95) Naphthalene	15.647	128	60033	16.332	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	25240	17.289	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

