

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078347.D
 Acq On : 22 Jun 2023 14:04
 Operator : JC\MD
 Sample : VN0622MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/23/2023

Quant Time: Jun 22 17:01:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	384263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	684769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	594250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268545	52.415	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.840%			
35) Dibromofluoromethane	8.171	113	229998	53.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.240%			
50) Toluene-d8	10.571	98	831416	49.811	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.620%			
62) 4-Bromofluorobenzene	12.853	95	253326	48.820	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	83422	19.205	ug/l	93
3) Chloromethane	2.377	50	88322	20.539	ug/l	100
4) Vinyl Chloride	2.524	62	121245	21.316	ug/l	98
5) Bromomethane	2.971	94	102986	23.958	ug/l	91
6) Chloroethane	3.136	64	87317	22.520	ug/l	99
7) Trichlorofluoromethane	3.512	101	143219	18.568	ug/l	99
8) Diethyl Ether	3.971	74	50484	18.628	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.395	101	75123	18.455	ug/l	94
10) Methyl Iodide	4.606	142	107128	18.609	ug/l	91
11) Tert butyl alcohol	5.530	59	58287	82.392	ug/l	96
12) 1,1-Dichloroethene	4.353	96	73947	17.623	ug/l	84
13) Acrolein	4.189	56	70757	90.751	ug/l	98
14) Allyl chloride	5.030	41	97589	19.052	ug/l	92
15) Acrylonitrile	5.736	53	170203	93.319	ug/l	99
16) Acetone	4.442	43	132792	90.047	ug/l	93
17) Carbon Disulfide	4.724	76	198202	18.351	ug/l	99
18) Methyl Acetate	5.042	43	124999	18.411	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	245649	18.348	ug/l	94
20) Methylene Chloride	5.289	84	91191	18.713	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	81610	18.032	ug/l	88
22) Diisopropyl ether	6.677	45	240568	19.966	ug/l #	92
23) Vinyl Acetate	6.618	43	682533	95.295	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	152775	19.221	ug/l	97
25) 2-Butanone	7.494	43	206286	90.964	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	127006	21.641	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	94529	17.510	ug/l	94
28) Bromochloromethane	7.824	49	81554	22.347	ug/l	91
29) Tetrahydrofuran	7.847	42	135618	89.456	ug/l	85
30) Chloroform	7.977	83	161675	18.890	ug/l	96
31) Cyclohexane	8.265	56	120910	18.397	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	142826	19.008	ug/l	97
36) 1,1-Dichloropropene	8.383	75	115425	18.586	ug/l	97
37) Ethyl Acetate	7.571	43	89991	18.549	ug/l #	93
38) Carbon Tetrachloride	8.365	117	126425	19.279	ug/l	95
39) Methylcyclohexane	9.606	83	102211	15.881	ug/l	90
40) Benzene	8.612	78	356619	19.234	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	47846	18.194	ug/l	94
42) 1,2-Dichloroethane	8.683	62	131306	20.655	ug/l	96
43) Isopropyl Acetate	8.694	43	163055	17.573	ug/l	94
44) Trichloroethene	9.359	130	91159	18.617	ug/l	90
45) 1,2-Dichloropropane	9.630	63	90850	19.694	ug/l	93
46) Dibromomethane	9.712	93	64944	19.114	ug/l	96
47) Bromodichloromethane	9.888	83	129861	20.575	ug/l	98
48) Methyl methacrylate	9.688	41	72080	18.512	ug/l	89
49) 1,4-Dioxane	9.700	88	26705	326.314	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	448863	91.868	ug/l	93
52) Toluene	10.635	92	222675	19.022	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	126895	19.305	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	147041	20.237	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	88341	19.949	ug/l	98
56) Ethyl methacrylate	10.877	69	122703	19.030	ug/l	93
57) 1,3-Dichloropropane	11.171	76	146744	19.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	245066	94.083	ug/l	92
59) 2-Hexanone	11.200	43	307085	90.265	ug/l	91
60) Dibromochloromethane	11.365	129	93403	19.275	ug/l	99
61) 1,2-Dibromoethane	11.476	107	89206	19.196	ug/l	93
64) Tetrachloroethene	11.106	164	72080	18.182	ug/l	96
65) Chlorobenzene	11.894	112	233408	18.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	90692	19.376	ug/l	99
67) Ethyl Benzene	11.971	91	391950	17.849	ug/l	96
68) m/p-Xylenes	12.076	106	307213	36.710	ug/l	99
69) o-Xylene	12.400	106	142070	17.288	ug/l	91
70) Styrene	12.418	104	234683	18.139	ug/l	99
71) Bromoform	12.582	173	55962	18.526	ug/l #	97
73) Isopropylbenzene	12.700	105	360371	18.172	ug/l	99
74) N-amyl acetate	12.500	43	113097	17.318	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	120391	20.635	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	91924m	18.541	ug/l	
77) Bromobenzene	12.982	156	86222	18.729	ug/l	99
78) n-propylbenzene	13.041	91	384558	17.848	ug/l	100
79) 2-Chlorotoluene	13.129	91	254519	18.300	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	283711	17.670	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	31806	19.710	ug/l	89
82) 4-Chlorotoluene	13.229	91	240406	18.520	ug/l	100
83) tert-Butylbenzene	13.441	119	230836	16.539	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	272270	17.491	ug/l	98
85) sec-Butylbenzene	13.618	105	293383	16.060	ug/l	100
86) p-Isopropyltoluene	13.735	119	239614	16.164	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	132422	17.005	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	132576	17.644	ug/l	98
89) n-Butylbenzene	14.059	91	174734	14.944	ug/l	96
90) Hexachloroethane	14.341	117	44333	16.852	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	133271	17.511	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16456	16.752	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	34060	12.561	ug/l	92
94) Hexachlorobutadiene	15.506	225	23536	15.879	ug/l	97
95) Naphthalene	15.647	128	105722	11.591	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	40898	13.486	ug/l	95

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

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