

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081317.D
 Acq On : 06 Mar 2024 11:25
 Operator : JC\MD
 Sample : VN0306MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 00:22:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	299267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	543485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	495502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	209932	48.516	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.040%		
35) Dibromofluoromethane	8.171	113	163633	49.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.280%		
50) Toluene-d8	10.571	98	621861	49.959	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.920%		
62) 4-Bromofluorobenzene	12.853	95	221932	50.446	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	100.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	86109	21.706	ug/l	98
3) Chloromethane	2.359	50	80591	18.807	ug/l	93
4) Vinyl Chloride	2.518	62	84558	18.916	ug/l	95
5) Bromomethane	2.953	94	56796	19.023	ug/l	96
6) Chloroethane	3.118	64	57550	18.744	ug/l	92
7) Trichlorofluoromethane	3.494	101	128174	19.382	ug/l	93
8) Diethyl Ether	3.959	74	44631	19.156	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	72997	19.384	ug/l	93
10) Methyl Iodide	4.583	142	67075	19.463	ug/l #	89
11) Tert butyl alcohol	5.518	59	73372	96.973	ug/l	98
12) 1,1-Dichloroethene	4.342	96	65084	18.662	ug/l	99
13) Acrolein	4.177	56	88115	98.350	ug/l	95
14) Allyl chloride	5.024	41	98408	19.013	ug/l	93
15) Acrylonitrile	5.712	53	199477	100.918	ug/l	97
16) Acetone	4.424	43	154895	101.034	ug/l	99
17) Carbon Disulfide	4.706	76	175558	17.637	ug/l #	93
18) Methyl Acetate	5.024	43	93731	21.354	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	231682	19.587	ug/l	99
20) Methylene Chloride	5.277	84	77994	20.110	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	70635	17.964	ug/l	98
22) Diisopropyl ether	6.671	45	234516	20.400	ug/l #	92
23) Vinyl Acetate	6.606	43	925469	99.096	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	137282	19.508	ug/l	99
25) 2-Butanone	7.488	43	258330	100.617	ug/l	96
26) 2,2-Dichloropropane	7.494	77	115300	18.538	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	82037	18.403	ug/l	91
28) Bromochloromethane	7.812	49	53714	17.839	ug/l #	70
29) Tetrahydrofuran	7.841	42	177224	101.227	ug/l	91
30) Chloroform	7.965	83	145619	19.941	ug/l	100
31) Cyclohexane	8.259	56	122554	18.707	ug/l #	86
32) 1,1,1-Trichloroethane	8.177	97	126911	19.661	ug/l	89
36) 1,1-Dichloropropene	8.377	75	100936	18.790	ug/l	98
37) Ethyl Acetate	7.565	43	103163	19.646	ug/l	97
38) Carbon Tetrachloride	8.365	117	106582	19.714	ug/l	94
39) Methylcyclohexane	9.606	83	120380	19.472	ug/l #	87
40) Benzene	8.606	78	309210	19.284	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	57099	19.255	ug/l	94
42) 1,2-Dichloroethane	8.677	62	113351	20.050	ug/l	97
43) Isopropyl Acetate	8.688	43	176125	19.162	ug/l #	96
44) Trichloroethene	9.353	130	78210	19.339	ug/l	98
45) 1,2-Dichloropropane	9.624	63	79419	19.717	ug/l	94
46) Dibromomethane	9.712	93	55702	19.619	ug/l #	91
47) Bromodichloromethane	9.894	83	112208	20.358	ug/l #	94
48) Methyl methacrylate	9.682	41	81299	20.011	ug/l	92
49) 1,4-Dioxane	9.700	88	35436	395.728	ug/l	87
51) 4-Methyl-2-Pentanone	10.447	43	559637	104.863	ug/l	99
52) Toluene	10.635	92	195344	20.167	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	120072	20.134	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	130772	20.313	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	79839	20.786	ug/l	96
56) Ethyl methacrylate	10.876	69	112517	20.400	ug/l	89
57) 1,3-Dichloropropane	11.165	76	140248	20.921	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	316920	106.820	ug/l #	89
59) 2-Hexanone	11.200	43	418830	104.977	ug/l	97
60) Dibromochloromethane	11.365	129	80150	20.261	ug/l	97
61) 1,2-Dibromoethane	11.470	107	80396	20.172	ug/l	100
64) Tetrachloroethene	11.106	164	72625	18.719	ug/l	96
65) Chlorobenzene	11.894	112	204288	19.565	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	74565	19.515	ug/l	97
67) Ethyl Benzene	11.965	91	364512	19.380	ug/l	100
68) m/p-Xylenes	12.076	106	277132	39.151	ug/l	97
69) o-Xylene	12.400	106	132670	19.339	ug/l	97
70) Styrene	12.412	104	222261	20.445	ug/l	97
71) Bromoform	12.582	173	50283	18.956	ug/l #	93
73) Isopropylbenzene	12.700	105	345357	19.142	ug/l	99
74) N-amyl acetate	12.494	43	147961	19.545	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	108464	19.480	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	103922m	19.692	ug/l	
77) Bromobenzene	12.982	156	77447	18.105	ug/l	81
78) n-propylbenzene	13.041	91	420512	19.706	ug/l	96
79) 2-Chlorotoluene	13.129	91	251215	19.259	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	299951	20.112	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	35894m	18.982	ug/l	
82) 4-Chlorotoluene	13.223	91	248195	19.264	ug/l	96
83) tert-Butylbenzene	13.441	119	253818	19.851	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	300052	19.857	ug/l	97
85) sec-Butylbenzene	13.617	105	365336	19.750	ug/l	96
86) p-Isopropyltoluene	13.735	119	295281	19.905	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	151150	18.713	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	149344	18.498	ug/l	98
89) n-Butylbenzene	14.059	91	262043	19.263	ug/l	99
90) Hexachloroethane	14.335	117	47978	18.474	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	146267	18.874	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22713	19.062	ug/l	81
93) 1,2,4-Trichlorobenzene	15.400	180	79811	19.267	ug/l	99
94) Hexachlorobutadiene	15.505	225	30474	17.803	ug/l	99
95) Naphthalene	15.641	128	283065	19.204	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	81997	19.519	ug/l	99

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

