

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080686.D
 Acq On : 12 Jan 2024 13:35
 Operator : JC\MD
 Sample : VN0112MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/15/2024
 Supervised By : Mahesh Dadoda 01/15/2024

Quant Time: Jan 12 22:11:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	399813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154452	43.920	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.840%		
35) Dibromofluoromethane	8.165	113	111513	49.089	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.180%		
50) Toluene-d8	10.565	98	454092	52.424	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.840%		
62) 4-Bromofluorobenzene	12.847	95	155883	46.929	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62698	19.272	ug/l	97
3) Chloromethane	2.359	50	81391	22.082	ug/l	92
4) Vinyl Chloride	2.518	62	62299	21.106	ug/l	97
5) Bromomethane	2.959	94	21854	19.479	ug/l	92
6) Chloroethane	3.124	64	32423	20.287	ug/l	98
7) Trichlorofluoromethane	3.500	101	89751	18.412	ug/l	100
8) Diethyl Ether	3.959	74	41603	19.529	ug/l #	56
9) 1,1,2-Trichlorotrifluo...	4.377	101	55929	21.051	ug/l	92
10) Methyl Iodide	4.589	142	43991	19.802	ug/l #	91
11) Tert butyl alcohol	5.518	59	52599	88.442	ug/l	96
12) 1,1-Dichloroethene	4.341	96	56559	18.918	ug/l	89
13) Acrolein	4.171	56	35058	70.550	ug/l	90
14) Allyl chloride	5.024	41	109920	18.547	ug/l #	91
15) Acrylonitrile	5.712	53	150412	96.850	ug/l	98
16) Acetone	4.424	43	90214	78.139	ug/l	96
17) Carbon Disulfide	4.718	76	172004	18.810	ug/l	96
18) Methyl Acetate	5.018	43	70409	20.480	ug/l #	79
19) Methyl tert-butyl Ether	5.788	73	201240	19.534	ug/l	95
20) Methylene Chloride	5.277	84	62302	18.485	ug/l #	76
21) trans-1,2-Dichloroethene	5.788	96	60618	19.989	ug/l #	74
22) Diisopropyl ether	6.671	45	237564	21.257	ug/l #	84
23) Vinyl Acetate	6.600	43	921900	101.350	ug/l #	83
24) 1,1-Dichloroethane	6.571	63	121983	19.939	ug/l	98
25) 2-Butanone	7.477	43	185955	89.105	ug/l #	77
26) 2,2-Dichloropropane	7.488	77	104561	19.543	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	71463	21.377	ug/l	81
28) Bromochloromethane	7.812	49	52935	18.509	ug/l #	64
29) Tetrahydrofuran	7.835	42	137363	97.654	ug/l #	71
30) Chloroform	7.965	83	113537	19.797	ug/l	94
31) Cyclohexane	8.253	56	114116	21.004	ug/l #	82
32) 1,1,1-Trichloroethane	8.165	97	99057	19.403	ug/l	93
36) 1,1-Dichloropropene	8.371	75	90650	19.481	ug/l	94
37) Ethyl Acetate	7.559	43	84824	18.798	ug/l #	93
38) Carbon Tetrachloride	8.365	117	78255	18.730	ug/l	96
39) Methylcyclohexane	9.606	83	93751	21.053	ug/l #	83
40) Benzene	8.606	78	277826	21.238	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	51049	19.504	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	92642	18.499	ug/l	97
43) Isopropyl Acetate	8.688	43	158606	19.122	ug/l #	88
44) Trichloroethene	9.353	130	56571	19.103	ug/l	89
45) 1,2-Dichloropropane	9.624	63	71630	20.654	ug/l	98
46) Dibromomethane	9.706	93	42565	19.399	ug/l	91
47) Bromodichloromethane	9.888	83	89784	18.436	ug/l	96
48) Methyl methacrylate	9.682	41	73937	18.828	ug/l #	78
49) 1,4-Dioxane	9.694	88	18935	386.987	ug/l #	64
51) 4-Methyl-2-Pentanone	10.447	43	432984	96.764	ug/l	88
52) Toluene	10.629	92	165432	22.073	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	108557	20.082	ug/l	90
54) cis-1,3-Dichloropropene	10.312	75	116348	20.296	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	57769	20.025	ug/l #	88
56) Ethyl methacrylate	10.876	69	103637	20.057	ug/l #	77
57) 1,3-Dichloropropane	11.165	76	108874	20.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	246731	99.694	ug/l #	85
59) 2-Hexanone	11.194	43	312572	94.626	ug/l	85
60) Dibromochloromethane	11.359	129	59770	20.160	ug/l	100
61) 1,2-Dibromoethane	11.470	107	56107	19.785	ug/l	98
64) Tetrachloroethene	11.106	164	47779	20.845	ug/l	91
65) Chlorobenzene	11.894	112	151358	20.757	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	52084	20.117	ug/l	95
67) Ethyl Benzene	11.965	91	292484	21.006	ug/l	98
68) m/p-Xylenes	12.070	106	215133	43.947	ug/l	93
69) o-Xylene	12.400	106	103316	21.585	ug/l	89
70) Styrene	12.412	104	175227	21.559	ug/l	95
71) Bromoform	12.576	173	35300	19.819	ug/l #	96
73) Isopropylbenzene	12.700	105	260635	21.286	ug/l	99
74) N-amyl acetate	12.494	43	138909	18.904	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	78905	19.645	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	72279m	18.204	ug/l	
77) Bromobenzene	12.982	156	53904	20.726	ug/l	74
78) n-propylbenzene	13.035	91	312677	20.816	ug/l	95
79) 2-Chlorotoluene	13.129	91	191743	19.919	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	212702	20.844	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	32000	18.999	ug/l #	83
82) 4-Chlorotoluene	13.223	91	187986	19.920	ug/l	94
83) tert-Butylbenzene	13.441	119	168305	20.631	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	211013	21.029	ug/l	99
85) sec-Butylbenzene	13.617	105	244213	21.069	ug/l	96
86) p-Isopropyltoluene	13.729	119	186710	20.395	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	96173	20.704	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	96845	20.465	ug/l	96
89) n-Butylbenzene	14.059	91	185316	21.002	ug/l	98
90) Hexachloroethane	14.335	117	32545	19.170	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	92432	21.116	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15548	16.664	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	44946	19.716	ug/l	97
94) Hexachlorobutadiene	15.500	225	19322	17.661	ug/l	98
95) Naphthalene	15.641	128	164696	18.357	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	42518	19.268	ug/l	96

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

