

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080270.D
 Acq On : 27 Nov 2023 13:04
 Operator : JC\MD
 Sample : VN1127MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 02:07:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	263034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	408607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	368805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	237815	54.757	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.520%			
35) Dibromofluoromethane	8.171	113	168945	56.035	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.080%			
50) Toluene-d8	10.570	98	605016	55.667	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.340%			
62) 4-Bromofluorobenzene	12.847	95	225797	55.003	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	65579	16.738	ug/l	96
3) Chloromethane	2.365	50	43498	14.766	ug/l	91
4) Vinyl Chloride	2.512	62	50849	16.311	ug/l	99
5) Bromomethane	2.953	94	33784	15.964	ug/l	100
6) Chloroethane	3.124	64	33979	16.500	ug/l	99
7) Trichlorofluoromethane	3.500	101	111123	17.088	ug/l	99
8) Diethyl Ether	3.959	74	30380	16.064	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	51815	17.432	ug/l	96
10) Methyl Iodide	4.594	142	52298	16.281	ug/l #	88
11) Tert butyl alcohol	5.518	59	37790	79.124	ug/l	98
12) 1,1-Dichloroethene	4.341	96	44591	16.039	ug/l	88
13) Acrolein	4.177	56	29851	70.624	ug/l	95
14) Allyl chloride	5.018	41	52835	15.105	ug/l	94
15) Acrylonitrile	5.718	53	102902	80.257	ug/l	99
16) Acetone	4.424	43	97263	66.676	ug/l	94
17) Carbon Disulfide	4.712	76	111858	13.475	ug/l	97
18) Methyl Acetate	5.024	43	74227	15.837	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	166166	16.925	ug/l	97
20) Methylene Chloride	5.277	84	52548	17.202	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	50028	16.380	ug/l	91
22) Diisopropyl ether	6.677	45	131932	17.049	ug/l	93
23) Vinyl Acetate	6.606	43	423638m	91.059	ug/l	
24) 1,1-Dichloroethane	6.571	63	90758	16.102	ug/l	99
25) 2-Butanone	7.482	43	123342	71.166	ug/l	99
26) 2,2-Dichloropropane	7.494	77	93612	16.741	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	57882	16.716	ug/l	89
28) Bromochloromethane	7.812	49	43841	19.785	ug/l	100
29) Tetrahydrofuran	7.841	42	76576	82.296	ug/l	91
30) Chloroform	7.965	83	107894	17.127	ug/l	93
31) Cyclohexane	8.259	56	71646	15.169	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	105610	17.190	ug/l	99
36) 1,1-Dichloropropene	8.376	75	73755	16.896	ug/l	95
37) Ethyl Acetate	7.559	43	50754	16.763	ug/l	96
38) Carbon Tetrachloride	8.365	117	100497	18.142	ug/l	97
39) Methylcyclohexane	9.606	83	68033	16.164	ug/l #	87
40) Benzene	8.606	78	211731	17.067	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27827	16.735	ug/l	93
42) 1,2-Dichloroethane	8.676	62	91289	17.986	ug/l	94
43) Isopropyl Acetate	8.688	43	83189	14.119	ug/l	95
44) Trichloroethene	9.353	130	55600	17.085	ug/l	99
45) 1,2-Dichloropropane	9.623	63	47666	16.533	ug/l	94
46) Dibromomethane	9.706	93	38816	17.786	ug/l	93
47) Bromodichloromethane	9.888	83	87480	18.222	ug/l	94
48) Methyl methacrylate	9.682	41	49574	16.327	ug/l	94
49) 1,4-Dioxane	9.700	88	17167	339.848	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	255956	83.908	ug/l	98
52) Toluene	10.635	92	136541	17.586	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	82996	16.827	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	88482	17.559	ug/l #	92
55) 1,1,2-Trichloroethane	11.018	97	52101	17.582	ug/l	93
56) Ethyl methacrylate	10.876	69	52085	17.205	ug/l	94
57) 1,3-Dichloropropane	11.165	76	87495	16.911	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	156960	92.033	ug/l	98
59) 2-Hexanone	11.194	43	193216	78.825	ug/l	96
60) Dibromochloromethane	11.365	129	64701	18.237	ug/l	100
61) 1,2-Dibromoethane	11.470	107	51828	17.144	ug/l	99
64) Tetrachloroethene	11.106	164	59693	21.208	ug/l	95
65) Chlorobenzene	11.894	112	144616	17.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	60573	18.678	ug/l	92
67) Ethyl Benzene	11.964	91	255922	17.210	ug/l	96
68) m/p-Xylenes	12.070	106	192562	35.516	ug/l	88
69) o-Xylene	12.400	106	90827	17.775	ug/l	88
70) Styrene	12.412	104	136679	17.972	ug/l	93
71) Bromoform	12.576	173	45214	18.800	ug/l #	98
73) Isopropylbenzene	12.700	105	244827	17.488	ug/l	100
74) N-amyl acetate	12.494	43	64565	14.789	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	65224	15.566	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	69551m	15.756	ug/l	
77) Bromobenzene	12.982	156	62550	17.721	ug/l	93
78) n-propylbenzene	13.035	91	266174	17.002	ug/l	99
79) 2-Chlorotoluene	13.129	91	179279	17.632	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	212981	17.476	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	21049	16.111	ug/l #	80
82) 4-Chlorotoluene	13.223	91	183061	17.574	ug/l	95
83) tert-Butylbenzene	13.441	119	166610	17.048	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	217803	18.150	ug/l	96
85) sec-Butylbenzene	13.617	105	213834	17.296	ug/l	99
86) p-Isopropyltoluene	13.735	119	195385	17.692	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	107605	16.921	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	107455	16.814	ug/l	95
89) n-Butylbenzene	14.058	91	154872	16.754	ug/l	99
90) Hexachloroethane	14.335	117	35996	16.719	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	103362	16.985	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15255	15.674	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	55199	15.596	ug/l	98
94) Hexachlorobutadiene	15.505	225	32094	15.757	ug/l	99
95) Naphthalene	15.647	128	148600	14.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	52232	15.745	ug/l	97

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

