

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080309.D
 Acq On : 29 Nov 2023 15:08
 Operator : JC\MD
 Sample : VN1129MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2023
 Supervised By : Mahesh Dadoda 11/30/2023

Quant Time: Nov 30 04:45:57 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	8.224	168	228478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	361257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	177656	47.092	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.180%		
35) Dibromofluoromethane	8.165	113	129586	48.614	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.220%		
50) Toluene-d8	10.565	98	466447	48.543	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.080%		
62) 4-Bromofluorobenzene	12.847	95	173580	47.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60942	17.907	ug/l	97
3) Chloromethane	2.365	50	45584	17.815	ug/l	98
4) Vinyl Chloride	2.518	62	49552	18.299	ug/l	99
5) Bromomethane	2.959	94	33128	18.021	ug/l	92
6) Chloroethane	3.130	64	33807	19.103	ug/l #	87
7) Trichlorofluoromethane	3.501	101	106208	18.802	ug/l	99
8) Diethyl Ether	3.959	74	30984	18.861	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	48116	18.636	ug/l	95
10) Methyl Iodide	4.589	142	52205	18.710	ug/l #	86
11) Tert butyl alcohol	5.512	59	34760	83.787	ug/l	100
12) 1,1-Dichloroethene	4.342	96	44249	18.324	ug/l #	83
13) Acrolein	4.183	56	26212	71.394	ug/l	93
14) Allyl chloride	5.024	41	54498	17.937	ug/l	92
15) Acrylonitrile	5.712	53	103923	93.313	ug/l	99
16) Acetone	4.424	43	95742	75.560	ug/l	95
17) Carbon Disulfide	4.712	76	113367	15.723	ug/l	98
18) Methyl Acetate	5.018	43	76052	18.680	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	168288	19.734	ug/l	97
20) Methylene Chloride	5.277	84	54187	20.421	ug/l	88
21) trans-1,2-Dichloroethene	5.795	96	51145	19.279	ug/l	96
22) Diisopropyl ether	6.665	45	136205	20.263	ug/l	95
23) Vinyl Acetate	6.600	43	363866	90.040	ug/l	95
24) 1,1-Dichloroethane	6.571	63	93923	19.184	ug/l	99
25) 2-Butanone	7.483	43	122835	81.593	ug/l	90
26) 2,2-Dichloropropane	7.489	77	91551	18.848	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	57240	19.031	ug/l	86
28) Bromochloromethane	7.806	49	39305	20.421	ug/l	96
29) Tetrahydrofuran	7.841	42	76196	94.273	ug/l	89
30) Chloroform	7.965	83	108418	19.813	ug/l	98
31) Cyclohexane	8.253	56	69373	16.909	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	102879	19.278	ug/l	98
36) 1,1-Dichloropropene	8.371	75	73362	19.009	ug/l	95
37) Ethyl Acetate	7.559	43	49115	18.348	ug/l #	78
38) Carbon Tetrachloride	8.365	117	94352	19.266	ug/l	92
39) Methylcyclohexane	9.600	83	65671	17.648	ug/l	88
40) Benzene	8.606	78	213255	19.443	ug/l	98

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41) Methacrylonitrile	7.777	41	27919	18.991	ug/l	95
42) 1,2-Dichloroethane	8.671	62	88793	19.787	ug/l	98
43) Isopropyl Acetate	8.688	43	84698	16.259	ug/l	96
44) Trichloroethene	9.353	130	56533	19.649	ug/l	96
45) 1,2-Dichloropropane	9.624	63	52209	20.482	ug/l	95
46) Dibromomethane	9.706	93	38669	20.041	ug/l	91
47) Bromodichloromethane	9.888	83	87180	20.540	ug/l	98
48) Methyl methacrylate	9.683	41	51275	19.100	ug/l	89
49) 1,4-Dioxane	9.700	88	15606	349.439	ug/l	88
51) 4-Methyl-2-Pentanone	10.447	43	247791	91.878	ug/l	99
52) Toluene	10.630	92	138058	20.112	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	83252	19.091	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	89603	20.112	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	54256	20.709	ug/l	96
56) Ethyl methacrylate	10.877	69	51955	19.412	ug/l	93
57) 1,3-Dichloropropane	11.165	76	92158	20.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	110915	73.559	ug/l	95
59) 2-Hexanone	11.200	43	179439	82.800	ug/l	95
60) Dibromochloromethane	11.359	129	64151	20.452	ug/l	97
61) 1,2-Dibromoethane	11.471	107	53030	19.841	ug/l	99
64) Tetrachloroethene	11.106	164	57586	23.325	ug/l	99
65) Chlorobenzene	11.894	112	144516	19.715	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	58011	20.393	ug/l	92
67) Ethyl Benzene	11.965	91	261764	20.068	ug/l	96
68) m/p-Xylenes	12.071	106	190112	39.974	ug/l	87
69) o-Xylene	12.400	106	90955	20.293	ug/l	85
70) Styrene	12.412	104	136399	20.447	ug/l	92
71) Bromoform	12.582	173	42991	20.380	ug/l #	97
73) Isopropylbenzene	12.694	105	237480	19.420	ug/l	99
74) N-amyl acetate	12.494	43	63887	16.753	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	66145	18.072	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	63873m	16.565	ug/l	
77) Bromobenzene	12.982	156	59789	19.392	ug/l	97
78) n-propylbenzene	13.035	91	266411	19.482	ug/l	99
79) 2-Chlorotoluene	13.124	91	177071	19.937	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	209909	19.719	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	20072	17.588	ug/l #	85
82) 4-Chlorotoluene	13.224	91	179071	19.681	ug/l	96
83) tert-Butylbenzene	13.441	119	164152	19.229	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	208674	19.908	ug/l	97
85) sec-Butylbenzene	13.618	105	211415	19.577	ug/l	98
86) p-Isopropyltoluene	13.729	119	194970	20.211	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	106710	19.211	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	102379	18.340	ug/l	95
89) n-Butylbenzene	14.059	91	151728	18.792	ug/l	100
90) Hexachloroethane	14.335	117	34444	18.315	ug/l	75
91) 1,2-Dichlorobenzene	14.106	146	101145	19.028	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15242	17.929	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	51961	16.807	ug/l	97
94) Hexachlorobutadiene	15.506	225	32682	18.370	ug/l	98
95) Naphthalene	15.641	128	133703	14.914	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	47778	16.488	ug/l	92

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

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