

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079697.D
 Acq On : 26 Oct 2023 15:43
 Operator : JC\MD
 Sample : VN1026MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 01:21:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	285015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	490277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	445265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	208354	45.086	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.180%		
35) Dibromofluoromethane	8.171	113	165146	46.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.740%		
50) Toluene-d8	10.570	98	622000	48.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.580%		
62) 4-Bromofluorobenzene	12.853	95	201740	49.311	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	69623	17.047	ug/l	99
3) Chloromethane	2.365	50	79805	15.660	ug/l	96
4) Vinyl Chloride	2.518	62	88543	16.704	ug/l	98
5) Bromomethane	2.953	94	67031	21.124	ug/l	95
6) Chloroethane	3.124	64	64836	16.224	ug/l	95
7) Trichlorofluoromethane	3.500	101	115058	18.384	ug/l	93
8) Diethyl Ether	3.965	74	41255	18.490	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	66379	18.150	ug/l	99
10) Methyl Iodide	4.600	142	71096	22.402	ug/l	95
11) Tert butyl alcohol	5.530	59	55875	80.333	ug/l	99
12) 1,1-Dichloroethene	4.347	96	61258	18.191	ug/l	87
13) Acrolein	4.183	56	54138	78.170	ug/l	99
14) Allyl chloride	5.030	41	92908	17.097	ug/l	89
15) Acrylonitrile	5.724	53	185879	92.180	ug/l	99
16) Acetone	4.430	43	184165	100.474	ug/l	96
17) Carbon Disulfide	4.718	76	154823	14.739	ug/l	95
18) Methyl Acetate	5.030	43	153416	17.101	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	218236	19.946	ug/l	99
20) Methylene Chloride	5.288	84	76773	18.751	ug/l	87
21) trans-1,2-Dichloroethene	5.800	96	68225	17.346	ug/l	92
22) Diisopropyl ether	6.677	45	242686	19.916	ug/l #	92
23) Vinyl Acetate	6.606	43	631679	92.157	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	137205	18.398	ug/l	95
25) 2-Butanone	7.488	43	252353	92.760	ug/l #	82
26) 2,2-Dichloropropane	7.488	77	114392	20.071	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	81645	19.108	ug/l	86
28) Bromochloromethane	7.818	49	70943	19.993	ug/l #	74
29) Tetrahydrofuran	7.841	42	158367	90.008	ug/l #	75
30) Chloroform	7.965	83	139169	18.469	ug/l	93
31) Cyclohexane	8.259	56	110724	16.891	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	123712	19.509	ug/l	95
36) 1,1-Dichloropropene	8.371	75	102121	19.312	ug/l	96
37) Ethyl Acetate	7.565	43	100184	19.040	ug/l #	90
38) Carbon Tetrachloride	8.365	117	103787	19.605	ug/l	96
39) Methylcyclohexane	9.606	83	94433	18.587	ug/l	90
40) Benzene	8.612	78	310029	19.742	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	52978	19.152	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	110367	19.341	ug/l	98
43) Isopropyl Acetate	8.694	43	169510	18.388	ug/l #	90
44) Trichloroethene	9.359	130	71526	19.351	ug/l	99
45) 1,2-Dichloropropane	9.623	63	82746	19.998	ug/l	99
46) Dibromomethane	9.712	93	55701	20.785	ug/l	98
47) Bromodichloromethane	9.894	83	110061	19.966	ug/l	95
48) Methyl methacrylate	9.688	41	74975	18.980	ug/l #	83
49) 1,4-Dioxane	9.700	88	26474	363.846	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	520145	99.956	ug/l	90
52) Toluene	10.635	92	191242	20.688	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	111600	20.089	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	125955	20.712	ug/l #	88
55) 1,1,2-Trichloroethane	11.023	97	78927	21.267	ug/l	94
56) Ethyl methacrylate	10.876	69	107130	21.007	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	132354	20.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	212853	108.987	ug/l	89
59) 2-Hexanone	11.200	43	371615	98.964	ug/l	88
60) Dibromochloromethane	11.365	129	78918	21.158	ug/l	99
61) 1,2-Dibromoethane	11.470	107	72442	19.669	ug/l	99
64) Tetrachloroethene	11.106	164	61337	20.025	ug/l	98
65) Chlorobenzene	11.894	112	194080	19.572	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	74491	20.517	ug/l	97
67) Ethyl Benzene	11.970	91	352348	20.443	ug/l	98
68) m/p-Xylenes	12.076	106	257392	41.101	ug/l	93
69) o-Xylene	12.400	106	124620	20.235	ug/l	92
70) Styrene	12.417	104	201329	20.696	ug/l	96
71) Bromoform	12.582	173	51332	19.318	ug/l #	99
73) Isopropylbenzene	12.700	105	321766	19.700	ug/l	98
74) N-amyl acetate	12.500	43	125213	18.700	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	109484	20.040	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	97728m	19.306	ug/l	
77) Bromobenzene	12.982	156	73898	18.452	ug/l	95
78) n-propylbenzene	13.041	91	370767	20.064	ug/l	98
79) 2-Chlorotoluene	13.129	91	229572	19.414	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	266024	20.655	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	29021	16.635	ug/l #	69
82) 4-Chlorotoluene	13.223	91	222009	19.730	ug/l	99
83) tert-Butylbenzene	13.441	119	223543	21.185	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	256826	20.895	ug/l	98
85) sec-Butylbenzene	13.617	105	298910	20.309	ug/l	100
86) p-Isopropyltoluene	13.735	119	240050	21.260	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	125351	19.734	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	125532	19.140	ug/l	100
89) n-Butylbenzene	14.059	91	182797	20.273	ug/l	98
90) Hexachloroethane	14.335	117	48449	20.519	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	123759	19.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16628	17.606	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	32348	16.857	ug/l	93
94) Hexachlorobutadiene	15.505	225	29367	19.649	ug/l	99
95) Naphthalene	15.647	128	88693	15.136	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38474	16.801	ug/l	97

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

