

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078414.D
 Acq On : 27 Jun 2023 13:24
 Operator : JC\MD
 Sample : VN0627MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jun 28 07:07:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						06/28/2023
1) Pentafluorobenzene	8.230	168	419971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	743439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	635963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230578	50.000	ug/l	0.00
System Monitoring Compounds						06/28/2023
33) 1,2-Dichloroethane-d4	8.589	65	307165	54.856	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.720%
35) Dibromofluoromethane	8.177	113	260175	55.349	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.700%
50) Toluene-d8	10.577	98	978764	54.011	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.020%
62) 4-Bromofluorobenzene	12.853	95	301031	53.435	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	81724	17.215	ug/l	98
3) Chloromethane	2.371	50	102315	21.883	ug/l	100
4) Vinyl Chloride	2.524	62	138905	22.345	ug/l	99
5) Bromomethane	2.965	94	103384	22.006	ug/l	98
6) Chloroethane	3.130	64	103978	24.537	ug/l	98
7) Trichlorofluoromethane	3.506	101	174627	20.715	ug/l	96
8) Diethyl Ether	3.977	74	63230	21.347	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.383	101	98289	22.093	ug/l	97
10) Methyl Iodide	4.601	142	127032	20.191	ug/l	99
11) Tert butyl alcohol	5.536	59	80142	103.653	ug/l	97
12) 1,1-Dichloroethene	4.353	96	94597	20.627	ug/l	97
13) Acrolein	4.195	56	75995	89.181	ug/l	99
14) Allyl chloride	5.036	41	129563	23.144	ug/l	97
15) Acrylonitrile	5.730	53	221699	111.219	ug/l	99
16) Acetone	4.436	43	217656	135.044	ug/l	97
17) Carbon Disulfide	4.718	76	236384	20.025	ug/l	98
18) Methyl Acetate	5.036	43	158448	21.353	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	304738	20.826	ug/l	96
20) Methylene Chloride	5.295	84	111627	20.959	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	100828	20.384	ug/l	91
22) Diisopropyl ether	6.677	45	294744	22.383	ug/l	93
23) Vinyl Acetate	6.618	43	855384	109.275	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	197137	22.694	ug/l	98
25) 2-Butanone	7.494	43	291972	117.801	ug/l	92
26) 2,2-Dichloropropane	7.506	77	166315	25.929	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	124952	21.178	ug/l	91
28) Bromochloromethane	7.818	49	92929	23.299	ug/l	91
29) Tetrahydrofuran	7.847	42	187444	113.129	ug/l #	83
30) Chloroform	7.971	83	211935	22.657	ug/l	98
31) Cyclohexane	8.265	56	152115	21.177	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	188893	23.001	ug/l	95
36) 1,1-Dichloropropene	8.377	75	153173	22.717	ug/l	95
37) Ethyl Acetate	7.571	43	117144	22.240	ug/l #	93
38) Carbon Tetrachloride	8.371	117	160678	22.569	ug/l	97
39) Methylcyclohexane	9.606	83	134828	19.296	ug/l #	87
40) Benzene	8.612	78	458102	22.758	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	60748	21.278	ug/l	94
42) 1,2-Dichloroethane	8.677	62	153780	22.281	ug/l	96
43) Isopropyl Acetate	8.700	43	205319	20.382	ug/l	95
44) Trichloroethene	9.359	130	117995	22.196	ug/l	100
45) 1,2-Dichloropropane	9.630	63	115454	23.053	ug/l	92
46) Dibromomethane	9.712	93	80378	21.789	ug/l	92
47) Bromodichloromethane	9.894	83	165817	24.199	ug/l	95
48) Methyl methacrylate	9.688	41	92558	21.895	ug/l	90
49) 1,4-Dioxane	9.700	88	39012	439.076	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	607501	114.524	ug/l	92
52) Toluene	10.635	92	286707	22.559	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	165512	23.193	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	184911	23.441	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	112020	23.300	ug/l	98
56) Ethyl methacrylate	10.882	69	153874	21.981	ug/l	91
57) 1,3-Dichloropropane	11.171	76	190941	23.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	254773	90.091	ug/l	93
59) 2-Hexanone	11.200	43	433144	117.271	ug/l	91
60) Dibromochloromethane	11.365	129	122061	23.202	ug/l	98
61) 1,2-Dibromoethane	11.477	107	115203	22.833	ug/l	95
64) Tetrachloroethene	11.112	164	98066	23.114	ug/l	97
65) Chlorobenzene	11.894	112	304044	22.324	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	116734	23.304	ug/l	99
67) Ethyl Benzene	11.971	91	526841	22.419	ug/l	96
68) m/p-Xylenes	12.077	106	404304	45.143	ug/l	99
69) o-Xylene	12.406	106	192256	21.860	ug/l	94
70) Styrene	12.418	104	306267	22.120	ug/l	97
71) Bromoform	12.582	173	72923	22.558	ug/l #	96
73) Isopropylbenzene	12.700	105	485843	22.282	ug/l	99
74) N-amyl acetate	12.500	43	156118	21.743	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	157653	25.068	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	125116m	22.953	ug/l	
77) Bromobenzene	12.982	156	110552	21.841	ug/l	98
78) n-propylbenzene	13.041	91	532931	22.496	ug/l	100
79) 2-Chlorotoluene	13.129	91	339063	22.173	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	397622	22.524	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	42036	23.693	ug/l	91
82) 4-Chlorotoluene	13.229	91	315341	22.096	ug/l	97
83) tert-Butylbenzene	13.441	119	322261	21.001	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	382552	22.352	ug/l	100
85) sec-Butylbenzene	13.623	105	410225	20.425	ug/l	99
86) p-Isopropyltoluene	13.735	119	331999	20.370	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	184727	21.576	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	175010	21.184	ug/l	98
89) n-Butylbenzene	14.059	91	246442	19.170	ug/l	97
90) Hexachloroethane	14.341	117	61510	21.266	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	182698	21.834	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22136	20.496	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	50831	17.050	ug/l	99
94) Hexachlorobutadiene	15.506	225	32679	20.797	ug/l	96
95) Naphthalene	15.647	128	146667	14.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	56758	17.022	ug/l	97

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

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

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Supervised By :Mahesh
Dadoda

06/28/2023

