

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077896.D
 Acq On : 25 May 2023 12:42
 Operator : JC\MD
 Sample : VN0525MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0525MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/26/2023

Quant Time: May 25 16:29:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	392772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	718948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	625753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	252376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	297085	50.552	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.100%			
35) Dibromofluoromethane	8.177	113	248573	53.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	10.571	98	946848	52.471	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.940%			
62) 4-Bromofluorobenzene	12.853	95	314060	49.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	79501	17.785	ug/l	99
3) Chloromethane	2.371	50	86932	17.166	ug/l	93
4) Vinyl Chloride	2.524	62	109750	19.474	ug/l	94
5) Bromomethane	2.965	94	89545	21.483	ug/l	98
6) Chloroethane	3.130	64	78006	19.206	ug/l	96
7) Trichlorofluoromethane	3.507	101	163370	20.801	ug/l	97
8) Diethyl Ether	3.971	74	57757	20.143	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.377	101	89938	20.692	ug/l	98
10) Methyl Iodide	4.595	142	114104	22.012	ug/l	96
11) Tert butyl alcohol	5.524	59	75344	92.895	ug/l	98
12) 1,1-Dichloroethene	4.354	96	88003	21.303	ug/l	94
13) Acrolein	4.189	56	49197	77.699	ug/l	94
14) Allyl chloride	5.036	41	113265	18.664	ug/l	96
15) Acrylonitrile	5.730	53	203560	93.942	ug/l	98
16) Acetone	4.436	43	183810	99.414	ug/l	98
17) Carbon Disulfide	4.724	76	208398	18.722	ug/l	98
18) Methyl Acetate	5.036	43	149191	19.234	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	299156	20.007	ug/l	97
20) Methylene Chloride	5.283	84	106246	20.929	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	94066	20.271	ug/l	97
22) Diisopropyl ether	6.677	45	278190	19.557	ug/l #	91
23) Vinyl Acetate	6.612	43	826723	93.803	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	178223	20.451	ug/l	97
25) 2-Butanone	7.489	43	265010	91.626	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	150746	20.361	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	114789	20.630	ug/l	90
28) Bromochloromethane	7.824	49	82428	21.870	ug/l	89
29) Tetrahydrofuran	7.847	42	171381	90.493	ug/l	87
30) Chloroform	7.977	83	190160	19.836	ug/l	97
31) Cyclohexane	8.265	56	152168	19.051	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	167124	20.505	ug/l	95
36) 1,1-Dichloropropene	8.383	75	139317	20.317	ug/l	97
37) Ethyl Acetate	7.571	43	112972	18.484	ug/l	94
38) Carbon Tetrachloride	8.365	117	151121	21.825	ug/l	90
39) Methylcyclohexane	9.606	83	165440	19.707	ug/l	93
40) Benzene	8.612	78	424769	20.991	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	59396	18.248	ug/l	95
42) 1,2-Dichloroethane	8.677	62	149286	20.309	ug/l	99
43) Isopropyl Acetate	8.694	43	184383	18.469	ug/l	98
44) Trichloroethene	9.359	130	113474	22.147	ug/l	98
45) 1,2-Dichloropropane	9.630	63	106116	20.559	ug/l	90
46) Dibromomethane	9.718	93	74879	20.274	ug/l	94
47) Bromodichloromethane	9.894	83	149141	21.092	ug/l	98
48) Methyl methacrylate	9.688	41	90792	19.182	ug/l	87
49) 1,4-Dioxane	9.700	88	35961	402.261	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	563187	94.907	ug/l	94
52) Toluene	10.635	92	271849	21.580	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	150341	20.078	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	169354	20.523	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	103352	20.662	ug/l	96
56) Ethyl methacrylate	10.882	69	147900	19.556	ug/l	93
57) 1,3-Dichloropropane	11.171	76	175236	20.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	324739	87.279	ug/l	91
59) 2-Hexanone	11.200	43	391847	89.275	ug/l	95
60) Dibromochloromethane	11.365	129	109230	21.153	ug/l	97
61) 1,2-Dibromoethane	11.477	107	102718	20.585	ug/l	99
64) Tetrachloroethene	11.106	164	104540	23.889	ug/l	99
65) Chlorobenzene	11.894	112	288854	21.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	102826	21.906	ug/l	98
67) Ethyl Benzene	11.971	91	517675	21.295	ug/l	100
68) m/p-Xylenes	12.077	106	395295	42.914	ug/l	97
69) o-Xylene	12.406	106	198927	21.959	ug/l	100
70) Styrene	12.418	104	302857	21.045	ug/l	98
71) Bromoform	12.588	173	64979	20.810	ug/l #	100
73) Isopropylbenzene	12.700	105	498865	22.931	ug/l	99
74) N-amyl acetate	12.500	43	147535	18.347	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	138652	20.717	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	121687m	19.253	ug/l	
77) Bromobenzene	12.988	156	108361	21.827	ug/l	96
78) n-propylbenzene	13.041	91	562586	21.935	ug/l	100
79) 2-Chlorotoluene	13.129	91	341676	22.325	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	420534	23.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	35832	18.122	ug/l #	86
82) 4-Chlorotoluene	13.229	91	318841	20.939	ug/l	99
83) tert-Butylbenzene	13.447	119	356735	22.349	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	414653	23.059	ug/l	98
85) sec-Butylbenzene	13.623	105	489686	21.587	ug/l	99
86) p-Isopropyltoluene	13.735	119	408322	22.578	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	189654	20.657	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	182204	19.999	ug/l	97
89) n-Butylbenzene	14.065	91	318742	19.162	ug/l	100
90) Hexachloroethane	14.341	117	64612	21.748	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	186775	21.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24118	18.614	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	73570	14.678	ug/l	98
94) Hexachlorobutadiene	15.506	225	37728	18.129	ug/l	98
95) Naphthalene	15.647	128	227765	13.202	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	75859	15.458	ug/l	96

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

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