

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079265.D
 Acq On : 15 Sep 2023 12:05
 Operator : JC\MD
 Sample : VN0915MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2023
 Supervised By : Mahesh Dadoda 09/18/2023

Quant Time: Sep 16 01:36:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	178472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	278519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	138038	57.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.600%			
35) Dibromofluoromethane	8.171	113	110150	53.462	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.920%			
50) Toluene-d8	10.571	98	407531	53.868	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.740%			
62) 4-Bromofluorobenzene	12.853	95	123051	50.991	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	32662	18.496	ug/l	98
3) Chloromethane	2.365	50	41278	17.806	ug/l	89
4) Vinyl Chloride	2.518	62	47820	18.932	ug/l	95
5) Bromomethane	2.953	94	29453	20.286	ug/l	95
6) Chloroethane	3.124	64	37310	22.559	ug/l	94
7) Trichlorofluoromethane	3.501	101	59130	15.987	ug/l	90
8) Diethyl Ether	3.959	74	21750	16.942	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	34263	17.419	ug/l	98
10) Methyl Iodide	4.595	142	29920	18.595	ug/l	90
11) Tert butyl alcohol	5.524	59	30243	67.994	ug/l	98
12) 1,1-Dichloroethene	4.348	96	31480	16.538	ug/l	84
13) Acrolein	4.183	56	46064	108.569	ug/l	98
14) Allyl chloride	5.024	41	49750	16.384	ug/l #	91
15) Acrylonitrile	5.724	53	92249	79.985	ug/l	98
16) Acetone	4.436	43	87860	85.868	ug/l	99
17) Carbon Disulfide	4.706	76	85779	14.419	ug/l	97
18) Methyl Acetate	5.030	43	72079	17.140	ug/l #	81
19) Methyl tert-butyl Ether	5.794	73	111719	17.113	ug/l	94
20) Methylene Chloride	5.283	84	41618	16.714	ug/l #	84
21) trans-1,2-Dichloroethene	5.794	96	35465	16.061	ug/l	91
22) Diisopropyl ether	6.671	45	125178	18.789	ug/l #	89
23) Vinyl Acetate	6.606	43	354177	86.428	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	74020	18.022	ug/l	97
25) 2-Butanone	7.488	43	122511	82.522	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	58504	17.358	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	42793	16.949	ug/l	87
28) Bromochloromethane	7.818	49	42739	23.016	ug/l #	73
29) Tetrahydrofuran	7.841	42	78919	83.533	ug/l #	76
30) Chloroform	7.971	83	75900	17.750	ug/l	96
31) Cyclohexane	8.259	56	60467	17.189	ug/l #	81
32) 1,1,1-Trichloroethane	8.177	97	63058	17.299	ug/l #	89
36) 1,1-Dichloropropene	8.377	75	53486	16.842	ug/l	96
37) Ethyl Acetate	7.559	43	51906	16.387	ug/l #	90
38) Carbon Tetrachloride	8.365	117	53593	16.307	ug/l #	86
39) Methylcyclohexane	9.606	83	50333	16.067	ug/l #	83
40) Benzene	8.606	78	164697	16.941	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	25762	16.130	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	58944	17.612	ug/l	97
43) Isopropyl Acetate	8.694	43	84139	16.279	ug/l #	91
44) Trichloroethene	9.359	130	38774	16.190	ug/l	98
45) 1,2-Dichloropropane	9.624	63	42342	17.549	ug/l	98
46) Dibromomethane	9.712	93	28303	17.280	ug/l	94
47) Bromodichloromethane	9.888	83	60137	17.926	ug/l	91
48) Methyl methacrylate	9.688	41	37971	16.402	ug/l #	82
49) 1,4-Dioxane	9.700	88	13160	276.371	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	253814	84.596	ug/l	90
52) Toluene	10.635	92	101712	17.024	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	59693	16.875	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	65234	17.242	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	39937	17.035	ug/l	96
56) Ethyl methacrylate	10.877	69	54009	16.320	ug/l #	82
57) 1,3-Dichloropropane	11.171	76	69609	17.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	112145	86.819	ug/l	89
59) 2-Hexanone	11.200	43	175004	80.533	ug/l	88
60) Dibromochloromethane	11.365	129	41701	16.714	ug/l	100
61) 1,2-Dibromoethane	11.476	107	38143	16.304	ug/l	97
64) Tetrachloroethene	11.112	164	32379	15.943	ug/l	93
65) Chlorobenzene	11.894	112	101857	16.143	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	37765	15.962	ug/l	97
67) Ethyl Benzene	11.971	91	182355	16.897	ug/l	98
68) m/p-Xylenes	12.076	106	137683	34.227	ug/l	97
69) o-Xylene	12.406	106	65170	16.892	ug/l	93
70) Styrene	12.418	104	104705	16.875	ug/l	98
71) Bromoform	12.582	173	25160	14.405	ug/l #	100
73) Isopropylbenzene	12.700	105	167959	16.908	ug/l	98
74) N-amyl acetate	12.500	43	60498	16.052	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	55907	15.113	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	50644m	17.210	ug/l	
77) Bromobenzene	12.982	156	37511	14.913	ug/l	94
78) n-propylbenzene	13.041	91	192963	17.292	ug/l	100
79) 2-Chlorotoluene	13.129	91	121717	16.676	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	139659	16.872	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	15253	14.250	ug/l #	82
82) 4-Chlorotoluene	13.223	91	114207	16.653	ug/l	99
83) tert-Butylbenzene	13.441	119	112171	16.381	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	137213	17.406	ug/l	100
85) sec-Butylbenzene	13.623	105	157664	16.725	ug/l	100
86) p-Isopropyltoluene	13.735	119	123617	16.413	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	65085	15.775	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	63696	15.279	ug/l	99
89) n-Butylbenzene	14.059	91	95408	16.109	ug/l	97
90) Hexachloroethane	14.335	117	25192	16.471	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	62885	15.440	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8049	14.314	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	17033	11.638	ug/l	99
94) Hexachlorobutadiene	15.506	225	14388	12.497	ug/l	96
95) Naphthalene	15.647	128	40643	9.350	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	19411	11.243	ug/l	98

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

