

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079266.D
 Acq On : 15 Sep 2023 12:44
 Operator : JC\MD
 Sample : VN0915MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS02

Manual Integrations
 APPROVED

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

Quant Time: Sep 16 01:37:37 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	8.229	168	171389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	305479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	275651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	124868	53.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	107.940%		
35) Dibromofluoromethane	8.177	113	95393	46.946	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.900%		
50) Toluene-d8	10.570	98	352259	47.212	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.420%		
62) 4-Bromofluorobenzene	12.853	95	111109	46.685	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39848	23.498	ug/l	95
3) Chloromethane	2.365	50	52259	23.475	ug/l	91
4) Vinyl Chloride	2.518	62	59326	24.458	ug/l	94
5) Bromomethane	2.953	94	36045	25.852	ug/l	97
6) Chloroethane	3.124	64	41960	26.590	ug/l	100
7) Trichlorofluoromethane	3.500	101	79206	22.300	ug/l	97
8) Diethyl Ether	3.959	74	27543	22.341	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	42836	22.677	ug/l	98
10) Methyl Iodide	4.588	142	40737	26.364	ug/l	93
11) Tert butyl alcohol	5.530	59	40147	93.991	ug/l	99
12) 1,1-Dichloroethene	4.341	96	39493	21.605	ug/l	82
13) Acrolein	4.177	56	38752	95.110	ug/l	97
14) Allyl chloride	5.030	41	62056	21.281	ug/l	90
15) Acrylonitrile	5.724	53	115680	104.446	ug/l	99
16) Acetone	4.430	43	120873	123.014	ug/l	90
17) Carbon Disulfide	4.712	76	106593	18.658	ug/l	100
18) Methyl Acetate	5.024	43	88557	21.929	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	136124	21.713	ug/l	94
20) Methylene Chloride	5.283	84	50559	21.144	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	44571	21.019	ug/l	88
22) Diisopropyl ether	6.677	45	154145	24.093	ug/l #	87
23) Vinyl Acetate	6.606	43	444950	113.066	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	89878	22.788	ug/l	96
25) 2-Butanone	7.488	43	162440	113.939	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	76636	23.678	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	52784	21.770	ug/l	86
28) Bromochloromethane	7.812	49	47101	26.413	ug/l #	71
29) Tetrahydrofuran	7.847	42	99554	109.730	ug/l #	76
30) Chloroform	7.971	83	93920	22.871	ug/l	92
31) Cyclohexane	8.259	56	74240	21.976	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	77745	22.210	ug/l	96
36) 1,1-Dichloropropene	8.376	75	66616	21.269	ug/l	95
37) Ethyl Acetate	7.565	43	60859	19.481	ug/l #	93
38) Carbon Tetrachloride	8.365	117	67663	20.876	ug/l	99
39) Methylcyclohexane	9.606	83	67058	21.705	ug/l #	88
40) Benzene	8.612	78	201979	21.066	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	34920	22.170	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	72237	21.885	ug/l	98
43) Isopropyl Acetate	8.694	43	105109	20.620	ug/l #	91
44) Trichloroethene	9.353	130	46538	19.703	ug/l	99
45) 1,2-Dichloropropane	9.623	63	54273	22.808	ug/l	93
46) Dibromomethane	9.712	93	34090	21.104	ug/l	92
47) Bromodichloromethane	9.888	83	73576	22.238	ug/l	100
48) Methyl methacrylate	9.688	41	47750	20.913	ug/l #	82
49) 1,4-Dioxane	9.700	88	17829	379.651	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	319130	107.851	ug/l	89
52) Toluene	10.635	92	123288	20.923	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	72700	20.839	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	81368	21.807	ug/l	92
55) 1,1,2-Trichloroethane	11.017	97	49066	21.222	ug/l	96
56) Ethyl methacrylate	10.876	69	68280	20.921	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	85990	21.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	84885	67.144	ug/l	89
59) 2-Hexanone	11.200	43	233695	109.042	ug/l	87
60) Dibromochloromethane	11.365	129	51126	20.777	ug/l	100
61) 1,2-Dibromoethane	11.470	107	47859	20.742	ug/l	97
64) Tetrachloroethene	11.106	164	39674	19.739	ug/l	97
65) Chlorobenzene	11.894	112	123837	19.831	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	46487	19.852	ug/l	97
67) Ethyl Benzene	11.970	91	226139	21.172	ug/l	97
68) m/p-Xylenes	12.076	106	168399	42.298	ug/l	94
69) o-Xylene	12.400	106	79667	20.865	ug/l	90
70) Styrene	12.417	104	133568	21.750	ug/l	98
71) Bromoform	12.582	173	33530	19.396	ug/l #	98
73) Isopropylbenzene	12.700	105	211540	21.248	ug/l	100
74) N-amyl acetate	12.500	43	79308	20.996	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	70181	18.930	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	62513m	21.196	ug/l	
77) Bromobenzene	12.982	156	47600	18.882	ug/l	94
78) n-propylbenzene	13.041	91	248759	22.242	ug/l	97
79) 2-Chlorotoluene	13.129	91	152049	20.786	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	175606	21.168	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	18477	17.224	ug/l #	70
82) 4-Chlorotoluene	13.223	91	143780	20.918	ug/l	99
83) tert-Butylbenzene	13.441	119	138892	20.238	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	170906	21.632	ug/l	99
85) sec-Butylbenzene	13.623	105	199713	21.138	ug/l	99
86) p-Isopropyltoluene	13.735	119	161488	21.394	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	81491	19.708	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	82168	19.666	ug/l	99
89) n-Butylbenzene	14.058	91	129003	21.733	ug/l	97
90) Hexachloroethane	14.335	117	31494	20.546	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	82099	20.113	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	10667	18.927	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	24941	17.003	ug/l	98
94) Hexachlorobutadiene	15.505	225	19767	17.131	ug/l	97
95) Naphthalene	15.647	128	64613	14.831	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	26503	15.317	ug/l	93

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

