

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079026.D
 Acq On : 24 Aug 2023 13:06
 Operator : JC\MD
 Sample : VN0824MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

Quant Time: Aug 25 01:11:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	181879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	318379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	285131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	116632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130725	46.189	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.380%		
35) Dibromofluoromethane	8.165	113	104539	48.778	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.560%		
50) Toluene-d8	10.571	98	373050	46.879	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.760%		
62) 4-Bromofluorobenzene	12.853	95	124334	47.801	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	46172	18.296	ug/l	96
3) Chloromethane	2.365	50	54241	15.394	ug/l	96
4) Vinyl Chloride	2.518	62	56561	18.304	ug/l	99
5) Bromomethane	2.953	94	37082	20.901	ug/l	98
6) Chloroethane	3.124	64	38194	17.681	ug/l	95
7) Trichlorofluoromethane	3.500	101	77949	20.711	ug/l	96
8) Diethyl Ether	3.959	74	27432	19.226	ug/l #	55
9) 1,1,2-Trichlorotrifluo...	4.371	101	39030	19.471	ug/l	99
10) Methyl Iodide	4.600	142	43829	19.542	ug/l	91
11) Tert butyl alcohol	5.518	59	38427	80.914	ug/l #	81
12) 1,1-Dichloroethene	4.342	96	36625	18.757	ug/l #	76
13) Acrolein	4.183	56	25154	87.845	ug/l	100
14) Allyl chloride	5.024	41	71976	18.521	ug/l #	87
15) Acrylonitrile	5.724	53	114443	88.953	ug/l	98
16) Acetone	4.430	43	104552	89.531	ug/l	93
17) Carbon Disulfide	4.712	76	98083	17.945	ug/l	98
18) Methyl Acetate	5.036	43	86507	17.536	ug/l #	80
19) Methyl tert-butyl Ether	5.794	73	131419	18.684	ug/l	92
20) Methylene Chloride	5.277	84	46089	18.520	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	40860	18.661	ug/l #	80
22) Diisopropyl ether	6.671	45	154654	18.811	ug/l #	89
23) Vinyl Acetate	6.606	43	470427	86.901	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	85642	19.068	ug/l	100
25) 2-Butanone	7.488	43	157498	84.122	ug/l #	75
26) 2,2-Dichloropropane	7.494	77	68273	18.806	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	48692	18.296	ug/l	85
28) Bromochloromethane	7.824	49	47672	20.009	ug/l #	77
29) Tetrahydrofuran	7.841	42	111167	89.705	ug/l #	68
30) Chloroform	7.971	83	86211	19.213	ug/l	94
31) Cyclohexane	8.259	56	66737	17.174	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	74865	19.567	ug/l	93
36) 1,1-Dichloropropene	8.377	75	61115	18.957	ug/l	96
37) Ethyl Acetate	7.565	43	65726	18.222	ug/l #	90
38) Carbon Tetrachloride	8.365	117	62735	19.421	ug/l	98
39) Methylcyclohexane	9.606	83	52952	17.859	ug/l #	84
40) Benzene	8.612	78	189068	19.841	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	35556	18.099	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	69430	19.503	ug/l	97
43) Isopropyl Acetate	8.694	43	112607	17.663	ug/l #	87
44) Trichloroethene	9.359	130	43079	19.026	ug/l	100
45) 1,2-Dichloropropane	9.629	63	51264	20.206	ug/l	94
46) Dibromomethane	9.718	93	34230	19.671	ug/l	96
47) Bromodichloromethane	9.894	83	69303	20.169	ug/l	96
48) Methyl methacrylate	9.688	41	52425	18.146	ug/l #	77
49) 1,4-Dioxane	9.700	88	18260	371.074	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	336693	89.042	ug/l #	84
52) Toluene	10.635	92	115064	19.668	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	68222	18.514	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	76589	19.084	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	46125	19.663	ug/l	90
56) Ethyl methacrylate	10.876	69	65767	18.086	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	81436	19.409	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	140756	80.638	ug/l	89
59) 2-Hexanone	11.200	43	239102	87.302	ug/l	82
60) Dibromochloromethane	11.365	129	50046	20.274	ug/l	97
61) 1,2-Dibromoethane	11.470	107	46185	19.374	ug/l	97
64) Tetrachloroethene	11.106	164	34277	19.169	ug/l	90
65) Chlorobenzene	11.894	112	118881	19.587	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	48161	20.997	ug/l	96
67) Ethyl Benzene	11.970	91	206098	18.673	ug/l	97
68) m/p-Xylenes	12.076	106	157012	38.048	ug/l	97
69) o-Xylene	12.406	106	78296	19.504	ug/l	100
70) Styrene	12.418	104	127409	19.034	ug/l	100
71) Bromoform	12.582	173	33251	19.940	ug/l #	96
73) Isopropylbenzene	12.700	105	184929	19.016	ug/l	99
74) N-amyl acetate	12.500	43	83238	16.957	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	68485	19.503	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	53205m	18.932	ug/l	
77) Bromobenzene	12.988	156	46563	19.919	ug/l	97
78) n-propylbenzene	13.041	91	217426	19.280	ug/l	100
79) 2-Chlorotoluene	13.129	91	136762	19.550	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	151370	19.641	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	19692	17.900	ug/l #	83
82) 4-Chlorotoluene	13.223	91	132408	19.344	ug/l	99
83) tert-Butylbenzene	13.441	119	126322	19.509	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	153879	20.165	ug/l	100
85) sec-Butylbenzene	13.617	105	171924	19.293	ug/l	99
86) p-Isopropyltoluene	13.735	119	137210	19.272	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	78380	19.486	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	75638	18.787	ug/l	99
89) n-Butylbenzene	14.064	91	106633	18.199	ug/l	98
90) Hexachloroethane	14.335	117	28332	19.852	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	78499	19.624	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11569	17.067	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	22599	15.936	ug/l	93
94) Hexachlorobutadiene	15.506	225	14356	17.471	ug/l	97
95) Naphthalene	15.641	128	63912	13.853	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	27408	17.647	ug/l	96

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

