

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082523\
 Data File : VN079049.D
 Acq On : 25 Aug 2023 12:27
 Operator : JC\MD
 Sample : VN0825MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/28/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Aug 25 23:03:33 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	8.229	168	219979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	368773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	329140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138555	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	151487	44.255	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.500%
35) Dibromofluoromethane	8.171	113	123702	49.832	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	10.570	98	437481	47.463	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.853	95	148759	49.376	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	55938	18.326	ug/l	98
3) Chloromethane	2.365	50	59131	13.875	ug/l	97
4) Vinyl Chloride	2.512	62	60790	16.265	ug/l	98
5) Bromomethane	2.953	94	38011	17.714	ug/l	95
6) Chloroethane	3.118	64	41532	15.896	ug/l	98
7) Trichlorofluoromethane	3.494	101	89543	19.671	ug/l	100
8) Diethyl Ether	3.959	74	33588	19.463	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.377	101	49201	20.294	ug/l	98
10) Methyl Iodide	4.589	142	57470	21.187	ug/l	94
11) Tert butyl alcohol	5.530	59	55677	96.932	ug/l	98
12) 1,1-Dichloroethene	4.336	96	46338	19.621	ug/l	90
13) Acrolein	4.189	56	26065	75.441	ug/l	99
14) Allyl chloride	5.030	41	86684	18.442	ug/l #	88
15) Acrylonitrile	5.718	53	150345	96.618	ug/l	99
16) Acetone	4.436	43	154477	109.371	ug/l	92
17) Carbon Disulfide	4.712	76	114696	17.350	ug/l	95
18) Methyl Acetate	5.024	43	114212	19.142	ug/l #	78
19) Methyl tert-butyl Ether	5.800	73	167736	19.717	ug/l	98
20) Methylene Chloride	5.283	84	55667	18.494	ug/l #	76
21) trans-1,2-Dichloroethene	5.794	96	47989	18.121	ug/l	88
22) Diisopropyl ether	6.683	45	188304	18.937	ug/l #	90
23) Vinyl Acetate	6.606	43	588752	89.922	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	98136	18.066	ug/l	99
25) 2-Butanone	7.494	43	211066	93.208	ug/l #	77
26) 2,2-Dichloropropane	7.494	77	82210	18.723	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	60344	18.747	ug/l	89
28) Bromochloromethane	7.818	49	48598	16.865	ug/l #	76
29) Tetrahydrofuran	7.847	42	136447	91.035	ug/l #	71
30) Chloroform	7.971	83	100382	18.497	ug/l	88
31) Cyclohexane	8.259	56	80759	17.184	ug/l	85
32) 1,1,1-Trichloroethane	8.177	97	87477	18.904	ug/l	96
36) 1,1-Dichloropropene	8.377	75	71756	19.216	ug/l	97
37) Ethyl Acetate	7.571	43	85100	20.369	ug/l #	88
38) Carbon Tetrachloride	8.365	117	77462	20.703	ug/l	93
39) Methylcyclohexane	9.606	83	68397	19.916	ug/l #	82
40) Benzene	8.606	78	219091	19.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	46443	20.410	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	80766	19.587	ug/l	96
43) Isopropyl Acetate	8.694	43	143220	19.395	ug/l #	87
44) Trichloroethene	9.359	130	53216	20.292	ug/l	89
45) 1,2-Dichloropropane	9.629	63	58405	19.875	ug/l	98
46) Dibromomethane	9.712	93	38592	19.147	ug/l	91
47) Bromodichloromethane	9.894	83	80298	20.175	ug/l	100
48) Methyl methacrylate	9.688	41	66260	19.801	ug/l #	77
49) 1,4-Dioxane	9.700	88	23748	416.650	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	431083	98.425	ug/l #	86
52) Toluene	10.635	92	132155	19.502	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	81471	19.088	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	91905	19.771	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	55492	20.423	ug/l	94
56) Ethyl methacrylate	10.882	69	84296	20.014	ug/l #	73
57) 1,3-Dichloropropane	11.170	76	96041	19.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	162192	80.221	ug/l	92
59) 2-Hexanone	11.200	43	310289	97.813	ug/l	85
60) Dibromochloromethane	11.365	129	58057	20.305	ug/l	97
61) 1,2-Dibromoethane	11.470	107	54898	19.882	ug/l	98
64) Tetrachloroethene	11.112	164	44897	21.751	ug/l	93
65) Chlorobenzene	11.894	112	144846	20.674	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	54756	20.680	ug/l	96
67) Ethyl Benzene	11.965	91	252605	19.826	ug/l	95
68) m/p-Xylenes	12.076	106	189387	39.757	ug/l	96
69) o-Xylene	12.400	106	95267	20.559	ug/l	98
70) Styrene	12.417	104	151635	19.625	ug/l	99
71) Bromoform	12.582	173	40758	21.174	ug/l #	98
73) Isopropylbenzene	12.700	105	237306	20.541	ug/l	99
74) N-amyl acetate	12.500	43	109980	18.860	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	83661	20.055	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	66165m	19.819	ug/l	
77) Bromobenzene	12.982	156	57489	20.702	ug/l	99
78) n-propylbenzene	13.041	91	263533	19.671	ug/l	99
79) 2-Chlorotoluene	13.129	91	163422	19.665	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	188376	20.576	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	24981	19.115	ug/l	86
82) 4-Chlorotoluene	13.223	91	157636	19.386	ug/l	100
83) tert-Butylbenzene	13.441	119	166816	21.686	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	186754	20.601	ug/l	98
85) sec-Butylbenzene	13.617	105	218517	20.642	ug/l	98
86) p-Isopropyltoluene	13.735	119	179743	21.252	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	95857	20.060	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	91221	19.073	ug/l	96
89) n-Butylbenzene	14.059	91	139816	20.087	ug/l	99
90) Hexachloroethane	14.335	117	34291	20.225	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	97334	20.483	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14770	18.696	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	36545	21.693	ug/l	97
94) Hexachlorobutadiene	15.505	225	20487	21.265	ug/l	98
95) Naphthalene	15.641	128	105906	18.307	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	39000	21.137	ug/l	98

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

