

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073528.D
 Acq On : 20 Jul 2022 17:41
 Operator : JC\MD
 Sample : VN0720MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 08:24:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	169025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	283298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	268620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	132201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	125845	51.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.140%
35) Dibromofluoromethane	7.951	113	98995	52.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.040%
50) Toluene-d8	10.380	98	323737	48.360	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.674	95	125238	48.682	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	38651	15.641	ug/l	98
3) Chloromethane	2.263	50	40410	16.844	ug/l	99
4) Vinyl Chloride	2.405	62	34828	17.085	ug/l	95
5) Bromomethane	2.793	94	21259	22.080	ug/l	96
6) Chloroethane	2.957	64	25332	21.125	ug/l	98
7) Trichlorofluoromethane	3.304	101	55189	15.660	ug/l	98
8) Diethyl Ether	3.763	74	29719	20.716	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.140	101	38233	18.360	ug/l	96
10) Methyl Iodide	4.340	142	32258	14.383	ug/l	96
11) Tert butyl alcohol	5.287	59	72056	121.903	ug/l #	86
12) 1,1-Dichloroethene	4.116	96	33334	16.753	ug/l	90
13) Acrolein	3.981	56	10461	28.000	ug/l	96
14) Allyl chloride	4.763	41	81836	19.523	ug/l #	90
15) Acrylonitrile	5.475	53	198325	130.337	ug/l	99
16) Acetone	4.222	43	177843	129.846	ug/l	96
17) Carbon Disulfide	4.451	76	70925	13.747	ug/l #	92
18) Methyl Acetate	4.775	43	112271	29.250	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	157184	21.675	ug/l	100
20) Methylene Chloride	5.004	84	49968	20.759	ug/l	91
21) trans-1,2-Dichloroethene	5.510	96	36371	17.494	ug/l	85
22) Diisopropyl ether	6.410	45	179692	22.973	ug/l #	95
23) Vinyl Acetate	6.345	43	766985	109.522	ug/l #	91
24) 1,1-Dichloroethane	6.304	63	86597	21.394	ug/l	99
25) 2-Butanone	7.257	43	294094	134.867	ug/l #	85
26) 2,2-Dichloropropane	7.245	77	59576	15.914	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	48896	19.421	ug/l	95
28) Bromochloromethane	7.581	49	39991	23.591	ug/l #	73
29) Tetrahydrofuran	7.610	42	198549	132.976	ug/l #	83
30) Chloroform	7.745	83	87540	21.473	ug/l	97
31) Cyclohexane	8.022	56	67362	16.856	ug/l	89
32) 1,1,1-Trichloroethane	7.945	97	69440	19.113	ug/l	97
36) 1,1-Dichloropropene	8.151	75	53899	18.585	ug/l	97
37) Ethyl Acetate	7.334	43	107074	24.434	ug/l #	96
38) Carbon Tetrachloride	8.134	117	56227	18.748	ug/l	98
39) Methylcyclohexane	9.392	83	61250	16.964	ug/l	91
40) Benzene	8.386	78	182629	20.405	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	56607	26.636	ug/l #	82
42) 1,2-Dichloroethane	8.457	62	72783	22.433	ug/l	99
43) Isopropyl Acetate	8.498	43	149761	23.780	ug/l #	92
44) Trichloroethene	9.145	130	42645	18.723	ug/l	92
45) 1,2-Dichloropropane	9.428	63	54272	23.790	ug/l	98
46) Dibromomethane	9.516	93	35283	22.778	ug/l	88
47) Bromodichloromethane	9.698	83	69390	23.130	ug/l	95
48) Methyl methacrylate	9.498	41	67767	23.240	ug/l	87
49) 1,4-Dioxane	9.504	88	32268	582.915	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	547634	137.121	ug/l	89
52) Toluene	10.439	92	108816	19.673	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	67288	20.374	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	74086	20.778	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	51771	22.735	ug/l	95
56) Ethyl methacrylate	10.704	69	80421	21.850	ug/l #	84
57) 1,3-Dichloropropane	10.986	76	86855	22.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	159801	97.351	ug/l	93
59) 2-Hexanone	11.027	43	430269	141.333	ug/l	87
60) Dibromochloromethane	11.175	129	51705	23.815	ug/l	100
61) 1,2-Dibromoethane	11.286	107	50863	22.362	ug/l	100
64) Tetrachloroethene	10.916	164	42395	19.328	ug/l	97
65) Chlorobenzene	11.710	112	118986	19.586	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	45369	20.303	ug/l	98
67) Ethyl Benzene	11.786	91	209194	18.967	ug/l	99
68) m/p-Xylenes	11.892	106	157106	37.744	ug/l	98
69) o-Xylene	12.222	106	79055	18.604	ug/l	97
70) Styrene	12.233	104	133592	20.363	ug/l	99
71) Bromoform	12.398	173	37440	22.898	ug/l #	99
73) Isopropylbenzene	12.521	105	202626	17.749	ug/l	99
74) N-amyl acetate	12.327	43	112543	19.688	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	84703	22.359	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	74609m	21.583	ug/l	
77) Bromobenzene	12.798	156	48970	18.450	ug/l	87
78) n-propylbenzene	12.863	91	240396	18.955	ug/l	95
79) 2-Chlorotoluene	12.945	91	149714	18.652	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	170749	18.350	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	22898	18.166	ug/l #	85
82) 4-Chlorotoluene	13.045	91	141539	18.214	ug/l	98
83) tert-Butylbenzene	13.263	119	155406	18.629	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	171050	18.412	ug/l	98
85) sec-Butylbenzene	13.439	105	207662	18.538	ug/l	99
86) p-Isopropyltoluene	13.557	119	168151	18.582	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	90683	19.044	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	88736	18.599	ug/l	99
89) n-Butylbenzene	13.880	91	135859	18.018	ug/l	96
90) Hexachloroethane	14.151	117	31786	18.849	ug/l	89
91) 1,2-Dichlorobenzene	13.927	146	93469	19.270	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	18647	20.252	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	47932	18.978	ug/l	98
94) Hexachlorobutadiene	15.298	225	22992	20.478	ug/l	98
95) Naphthalene	15.433	128	179805	17.647	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	50854	19.519	ug/l	98

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

