

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122922\
 Data File : VN076043.D
 Acq On : 29 Dec 2022 12:55
 Operator : JC\MD
 Sample : VN1229MBS01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229MBS01

Quant Time: Dec 30 06:21:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	313472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	500885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	445568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	214841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	174738	51.239	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.480%
35) Dibromofluoromethane	8.171	113	165699	53.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.840%
50) Toluene-d8	10.571	98	603407	52.028	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.853	95	207079	53.909	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.820%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	66030	29.666	ug/l	100
3) Chloromethane	2.371	50	65964	23.834	ug/l	97
4) Vinyl Chloride	2.530	62	78877	23.892	ug/l	96
5) Bromomethane	2.965	94	63222	22.533	ug/l	98
6) Chloroethane	3.130	64	53577	21.914	ug/l	97
7) Trichlorofluoromethane	3.512	101	109316	21.821	ug/l	96
8) Diethyl Ether	3.977	74	40596	22.187	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	63977	22.365	ug/l	99
10) Methyl Iodide	4.601	142	105233	22.668	ug/l	99
11) Tert butyl alcohol	5.536	59	48096	99.670	ug/l	98
12) 1,1-Dichloroethene	4.359	96	62417	22.466	ug/l	95
13) Acrolein	4.189	56	59038	99.795	ug/l	98
14) Allyl chloride	5.030	41	70042	21.566	ug/l	91
15) Acrylonitrile	5.736	53	133653	101.494	ug/l	98
16) Acetone	4.442	43	121533	103.380	ug/l	95
17) Carbon Disulfide	4.724	76	148693	22.105	ug/l #	93
18) Methyl Acetate	5.036	43	73529	21.160	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	209924	22.945	ug/l #	91
20) Methylene Chloride	5.295	84	69240	21.654	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	65175	21.421	ug/l	98
22) Diisopropyl ether	6.689	45	172049	21.807	ug/l	99
23) Vinyl Acetate	6.612	43	566785	106.732	ug/l	98
24) 1,1-Dichloroethane	6.577	63	111045	21.104	ug/l	99
25) 2-Butanone	7.489	43	171175	103.992	ug/l	97
26) 2,2-Dichloropropane	7.500	77	98198	22.038	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	77150	21.201	ug/l	97
28) Bromochloromethane	7.824	49	41665	18.066	ug/l	98
29) Tetrahydrofuran	7.847	42	109863	106.505	ug/l	100
30) Chloroform	7.977	83	125345	21.158	ug/l	98
31) Cyclohexane	8.265	56	102957	21.080	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	114680	21.835	ug/l	95
36) 1,1-Dichloropropene	8.377	75	89863	21.808	ug/l	97
37) Ethyl Acetate	7.571	43	72634	21.945	ug/l	98
38) Carbon Tetrachloride	8.365	117	102176	22.155	ug/l	96
39) Methylcyclohexane	9.606	83	111898	22.509	ug/l	94
40) Benzene	8.612	78	278549	21.910	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	34978	20.331	ug/l	92
42) 1,2-Dichloroethane	8.677	62	90747	21.470	ug/l	98
43) Isopropyl Acetate	8.694	43	120895	22.143	ug/l	99
44) Trichloroethene	9.359	130	77486	21.634	ug/l	93
45) 1,2-Dichloropropane	9.624	63	64846	20.960	ug/l	99
46) Dibromomethane	9.712	93	49666	21.644	ug/l	99
47) Bromodichloromethane	9.888	83	95594	21.244	ug/l	94
48) Methyl methacrylate	9.683	41	56470	22.964	ug/l	98
49) 1,4-Dioxane	9.700	88	25417	420.433	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	355649	107.712	ug/l	100
52) Toluene	10.635	92	186524	22.527	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	97794	22.201	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	106251	21.969	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	70366	21.652	ug/l	96
56) Ethyl methacrylate	10.877	69	97838	22.665	ug/l	98
57) 1,3-Dichloropropane	11.165	76	115103	21.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	147760	107.511	ug/l	97
59) 2-Hexanone	11.200	43	259154	107.624	ug/l	99
60) Dibromochloromethane	11.365	129	78167	21.628	ug/l	100
61) 1,2-Dibromoethane	11.471	107	71943	21.875	ug/l	98
64) Tetrachloroethene	11.106	164	75320	24.023	ug/l	97
65) Chlorobenzene	11.894	112	199154	21.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	74221	21.911	ug/l	99
67) Ethyl Benzene	11.965	91	349264	22.628	ug/l	99
68) m/p-Xylenes	12.076	106	276811	45.312	ug/l	99
69) o-Xylene	12.400	106	136932	22.650	ug/l	99
70) Styrene	12.412	104	220910	22.982	ug/l	99
71) Bromoform	12.576	173	54195	21.987	ug/l #	99
73) Isopropylbenzene	12.700	105	357914	23.054	ug/l	100
74) N-amyl acetate	12.494	43	101653	22.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	100927	21.029	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	85751m	19.801	ug/l	
77) Bromobenzene	12.982	156	84622	21.537	ug/l	97
78) n-propylbenzene	13.035	91	387993	22.658	ug/l	100
79) 2-Chlorotoluene	13.129	91	234498	21.938	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	297421	22.889	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27861	23.157	ug/l	92
82) 4-Chlorotoluene	13.129	91	234498	21.938	ug/l	99
83) tert-Butylbenzene	13.441	119	264249	23.065	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	298076	23.124	ug/l	99
85) sec-Butylbenzene	13.618	105	365008	23.083	ug/l	99
86) p-Isopropyltoluene	13.729	119	308830	23.472	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	160523	22.117	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	154771	20.875	ug/l	98
89) n-Butylbenzene	14.059	91	235862	22.127	ug/l	98
90) Hexachloroethane	14.335	117	53013	22.524	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	158013	22.103	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16241	19.071	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	78190	22.092	ug/l	99
94) Hexachlorobutadiene	15.500	225	42731	22.129	ug/l	98
95) Naphthalene	15.641	128	230954	21.070	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	75376	22.786	ug/l	97

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

