

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076177.D
 Acq On : 10 Jan 2023 12:31
 Operator : JC\MD
 Sample : VN0110MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/11/2023
 Supervised By :Semsettin Yesilyurt 01/11/2023

Quant Time: Jan 11 07:28:42 2023
 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	325792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	532594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	476987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	165647	46.736	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.480%		
35) Dibromofluoromethane	8.177	113	152789	46.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.640%		
50) Toluene-d8	10.571	98	552751	44.823	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.640%		
62) 4-Bromofluorobenzene	12.853	95	185965	45.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	60647	26.217	ug/l	96
3) Chloromethane	2.377	50	60922	21.179	ug/l	99
4) Vinyl Chloride	2.530	62	73599	21.450	ug/l	98
5) Bromomethane	2.965	94	56230	19.283	ug/l	95
6) Chloroethane	3.130	64	51609	20.311	ug/l	97
7) Trichlorofluoromethane	3.512	101	103662	19.910	ug/l	99
8) Diethyl Ether	3.977	74	37493	19.716	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	60258	20.268	ug/l	100
10) Methyl Iodide	4.600	142	91094	18.880	ug/l	98
11) Tert butyl alcohol	5.530	59	43875	87.485	ug/l	98
12) 1,1-Dichloroethene	4.359	96	55040	19.062	ug/l	97
13) Acrolein	4.195	56	45367	73.786	ug/l	98
14) Allyl chloride	5.042	41	64340	19.061	ug/l	89
15) Acrylonitrile	5.736	53	133052	97.217	ug/l	100
16) Acetone	4.436	43	107077	87.639	ug/l	100
17) Carbon Disulfide	4.730	76	131279	18.778	ug/l	99
18) Methyl Acetate	5.042	43	74531	20.637	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	193630	20.364	ug/l	98
20) Methylene Chloride	5.295	84	70487	21.197	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	59068	18.679	ug/l	98
22) Diisopropyl ether	6.683	45	165501	20.184	ug/l	96
23) Vinyl Acetate	6.612	43	523162	94.792	ug/l	97
24) 1,1-Dichloroethane	6.577	63	106170	19.415	ug/l	98
25) 2-Butanone	7.489	43	169634	99.159	ug/l	92
26) 2,2-Dichloropropane	7.500	77	85821	18.532	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	71082	18.795	ug/l	96
28) Bromochloromethane	7.824	49	40839	17.038	ug/l	93
29) Tetrahydrofuran	7.847	42	111313	103.830	ug/l	98
30) Chloroform	7.971	83	116827	18.974	ug/l	97
31) Cyclohexane	8.265	56	94429	18.603	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	107402	19.676	ug/l	96
36) 1,1-Dichloropropene	8.377	75	83368	19.028	ug/l	99
37) Ethyl Acetate	7.571	43	72046	20.471	ug/l	97
38) Carbon Tetrachloride	8.371	117	96216	19.621	ug/l	98
39) Methylcyclohexane	9.606	83	103137	19.512	ug/l	98
40) Benzene	8.612	78	257519	19.050	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	36829	20.132	ug/l	95
42) 1,2-Dichloroethane	8.677	62	87593	19.490	ug/l	99
43) Isopropyl Acetate	8.694	43	114922	19.796	ug/l	99
44) Trichloroethene	9.353	130	69820	18.333	ug/l	98
45) 1,2-Dichloropropane	9.624	63	62159	18.896	ug/l	96
46) Dibromomethane	9.712	93	45493	18.645	ug/l	99
47) Bromodichloromethane	9.888	83	91110	19.042	ug/l	97
48) Methyl methacrylate	9.682	41	53034	20.283	ug/l	98
49) 1,4-Dioxane	9.700	88	22811	354.861	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	360424	102.659	ug/l	98
52) Toluene	10.635	92	172325	19.573	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	90422	19.306	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	98326	19.120	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	67455	19.520	ug/l	97
56) Ethyl methacrylate	10.877	69	90761	19.773	ug/l	96
57) 1,3-Dichloropropane	11.165	76	108253	19.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	129090	88.334	ug/l	99
59) 2-Hexanone	11.200	43	256372	100.130	ug/l	98
60) Dibromochloromethane	11.359	129	73671	19.170	ug/l	100
61) 1,2-Dibromoethane	11.471	107	66308	18.961	ug/l	96
64) Tetrachloroethene	11.106	164	72173	21.503	ug/l	97
65) Chlorobenzene	11.894	112	183581	18.752	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	69377	19.132	ug/l	98
67) Ethyl Benzene	11.965	91	326069	19.734	ug/l	97
68) m/p-Xylenes	12.071	106	258333	39.501	ug/l	100
69) o-Xylene	12.400	106	126966	19.618	ug/l	99
70) Styrene	12.412	104	205197	19.941	ug/l	99
71) Bromoform	12.582	173	51081	19.359	ug/l #	99
73) Isopropylbenzene	12.700	105	327409	20.770	ug/l	100
74) N-amyl acetate	12.494	43	93599	20.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	93858	19.260	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	84597m	19.239	ug/l	
77) Bromobenzene	12.982	156	76672	19.219	ug/l	100
78) n-propylbenzene	13.035	91	363582	20.912	ug/l	100
79) 2-Chlorotoluene	13.129	91	219600	20.233	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	273433	20.725	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	24551	20.097	ug/l	96
82) 4-Chlorotoluene	13.129	91	219600	20.233	ug/l	99
83) tert-Butylbenzene	13.441	119	239635	20.600	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	270822	20.692	ug/l	98
85) sec-Butylbenzene	13.618	105	333107	20.747	ug/l	99
86) p-Isopropyltoluene	13.729	119	278208	20.824	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	140331	19.043	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	140060	18.605	ug/l	99
89) n-Butylbenzene	14.059	91	211735	19.563	ug/l	99
90) Hexachloroethane	14.335	117	48380	20.245	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	138540	19.086	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15297	17.690	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	65106	18.117	ug/l	99
94) Hexachlorobutadiene	15.506	225	35177	17.942	ug/l	99
95) Naphthalene	15.641	128	194421	17.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	64057	19.071	ug/l	99

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

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