

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020123\
 Data File : VN076493.D
 Acq On : 01 Feb 2023 12:50
 Operator : JC\MD
 Sample : VN0201MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/02/2023
 Supervised By :Mahesh Dadoda 02/02/2023

Quant Time: Feb 01 23:49:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	372890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	618493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	556047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	248625	59.548	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.100%			
35) Dibromofluoromethane	8.171	113	205121	53.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	10.571	98	729983	51.089	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.847	95	265461	56.911	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	69756	18.255	ug/l	96
3) Chloromethane	2.377	50	91350	23.089	ug/l	92
4) Vinyl Chloride	2.530	62	94809	19.543	ug/l	100
5) Bromomethane	2.971	94	65450	16.475	ug/l	100
6) Chloroethane	3.136	64	60387	16.600	ug/l	97
7) Trichlorofluoromethane	3.512	101	127623	19.122	ug/l	97
8) Diethyl Ether	3.977	74	50768	22.679	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	73573	19.473	ug/l	98
10) Methyl Iodide	4.606	142	108656	18.827	ug/l	95
11) Tert butyl alcohol	5.530	59	60060	107.546	ug/l	100
12) 1,1-Dichloroethene	4.359	96	64958	18.187	ug/l	90
13) Acrolein	4.195	56	63597	95.224	ug/l	99
14) Allyl chloride	5.042	41	92264	22.167	ug/l	86
15) Acrylonitrile	5.730	53	173684	109.290	ug/l	100
16) Acetone	4.442	43	155710	116.298	ug/l	98
17) Carbon Disulfide	4.730	76	135091	15.191	ug/l	95
18) Methyl Acetate	5.036	43	100847	22.233	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	263050	22.623	ug/l	100
20) Methylene Chloride	5.289	84	83374	20.698	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	69856	18.054	ug/l	100
22) Diisopropyl ether	6.683	45	221038	22.519	ug/l	97
23) Vinyl Acetate	6.618	43	709651	111.868	ug/l	97
24) 1,1-Dichloroethane	6.583	63	135287	20.677	ug/l	98
25) 2-Butanone	7.489	43	220888	108.056	ug/l	93
26) 2,2-Dichloropropane	7.500	77	111580	20.234	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	90237	19.996	ug/l	98
28) Bromochloromethane	7.818	49	62058	23.401	ug/l #	99
29) Tetrahydrofuran	7.847	42	138825	110.035	ug/l	98
30) Chloroform	7.971	83	154020	21.275	ug/l	98
31) Cyclohexane	8.259	56	109847	17.127	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	135544	20.507	ug/l	92
36) 1,1-Dichloropropene	8.377	75	97831	17.795	ug/l	99
37) Ethyl Acetate	7.565	43	92930	21.095	ug/l	99
38) Carbon Tetrachloride	8.365	117	116206	18.955	ug/l	98
39) Methylcyclohexane	9.606	83	118661	17.675	ug/l	94
40) Benzene	8.612	78	314363	19.123	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	49211	21.314	ug/l	96
42) 1,2-Dichloroethane	8.677	62	124072	22.059	ug/l	100
43) Isopropyl Acetate	8.694	43	152600	21.272	ug/l	98
44) Trichloroethene	9.353	130	82979	17.847	ug/l	96
45) 1,2-Dichloropropane	9.624	63	78765	20.012	ug/l	97
46) Dibromomethane	9.712	93	63224	21.276	ug/l	96
47) Bromodichloromethane	9.894	83	125487	21.773	ug/l	96
48) Methyl methacrylate	9.682	41	72404	21.320	ug/l	98
49) 1,4-Dioxane	9.700	88	29771	415.450	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	470544	111.737	ug/l	98
52) Toluene	10.629	92	208436	18.960	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	122545	22.304	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	132315	20.933	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	91363	21.743	ug/l	97
56) Ethyl methacrylate	10.877	69	125092	23.059	ug/l	97
57) 1,3-Dichloropropane	11.165	76	144978	21.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	172274	94.067	ug/l	99
59) 2-Hexanone	11.200	43	332580	108.984	ug/l	100
60) Dibromochloromethane	11.365	129	99428	22.478	ug/l	99
61) 1,2-Dibromoethane	11.471	107	90779	21.643	ug/l	98
64) Tetrachloroethene	11.106	164	86086	17.167	ug/l	97
65) Chlorobenzene	11.894	112	230450	19.606	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	92566	21.166	ug/l	98
67) Ethyl Benzene	11.965	91	399638	19.866	ug/l	100
68) m/p-Xylenes	12.076	106	317528	39.363	ug/l	99
69) o-Xylene	12.400	106	157092	19.831	ug/l	95
70) Styrene	12.412	104	259277	20.498	ug/l	98
71) Bromoform	12.576	173	69943	22.146	ug/l #	100
73) Isopropylbenzene	12.700	105	413277	20.546	ug/l	99
74) N-amyl acetate	12.500	43	129620	22.402	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	125737	21.744	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	100884m	20.743	ug/l	
77) Bromobenzene	12.982	156	100950	21.142	ug/l	97
78) n-propylbenzene	13.035	91	460786	20.302	ug/l	99
79) 2-Chlorotoluene	13.129	91	286392	20.563	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	355037	21.069	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	32825	21.004	ug/l	97
82) 4-Chlorotoluene	13.129	91	286392	20.563	ug/l	99
83) tert-Butylbenzene	13.441	119	310900	20.743	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	356425	21.093	ug/l	98
85) sec-Butylbenzene	13.618	105	429635	20.658	ug/l	99
86) p-Isopropyltoluene	13.729	119	360735	21.094	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	179189	18.900	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	181313	20.164	ug/l	98
89) n-Butylbenzene	14.059	91	271311	19.985	ug/l	99
90) Hexachloroethane	14.335	117	58974	19.980	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	181079	19.176	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	21857	21.745	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	81279	18.654	ug/l	100
94) Hexachlorobutadiene	15.506	225	43611	17.404	ug/l	98
95) Naphthalene	15.641	128	249485	19.627	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	79441	18.998	ug/l	98

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

