

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076439.D
 Acq On : 27 Jan 2023 14:59
 Operator : JC\MD
 Sample : VN0127MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2023
 Supervised By : Semsettin Yesilyurt 01/30/2023

Quant Time: Jan 27 22:38:54 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	407067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	675002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	592557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	270204	59.283	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.560%			
35) Dibromofluoromethane	8.171	113	228269	54.061	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.120%			
50) Toluene-d8	10.571	98	825056	52.909	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.820%			
62) 4-Bromofluorobenzene	12.853	95	266673	52.385	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	73933	17.724	ug/l	100
3) Chloromethane	2.377	50	83251	19.276	ug/l	94
4) Vinyl Chloride	2.530	62	117772	22.238	ug/l	99
5) Bromomethane	2.965	94	83583	19.273	ug/l	98
6) Chloroethane	3.130	64	78826	19.850	ug/l	93
7) Trichlorofluoromethane	3.512	101	156327	21.456	ug/l	95
8) Diethyl Ether	3.977	74	51133	20.924	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.389	101	88267	21.400	ug/l	97
10) Methyl Iodide	4.606	142	123837	19.656	ug/l	95
11) Tert butyl alcohol	5.530	59	59795	98.082	ug/l	100
12) 1,1-Dichloroethene	4.359	96	77778	19.948	ug/l	90
13) Acrolein	4.194	56	92864	127.372	ug/l	99
14) Allyl chloride	5.036	41	97033	21.356	ug/l	97
15) Acrylonitrile	5.736	53	181650	104.706	ug/l	99
16) Acetone	4.442	43	203372	139.157	ug/l	96
17) Carbon Disulfide	4.730	76	170598	17.573	ug/l	99
18) Methyl Acetate	5.042	43	105035	21.212	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	266750	21.015	ug/l	100
20) Methylene Chloride	5.289	84	87542	19.885	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	81439	19.280	ug/l	94
22) Diisopropyl ether	6.683	45	236097	22.034	ug/l	96
23) Vinyl Acetate	6.618	43	725298	104.735	ug/l	98
24) 1,1-Dichloroethane	6.577	63	149441	20.923	ug/l	98
25) 2-Butanone	7.494	43	239879	107.494	ug/l	97
26) 2,2-Dichloropropane	7.500	77	127224	21.134	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	97543	19.800	ug/l	97
28) Bromochloromethane	7.818	49	67954	23.473	ug/l	95
29) Tetrahydrofuran	7.847	42	147611	107.176	ug/l	95
30) Chloroform	7.977	83	167210	21.158	ug/l	98
31) Cyclohexane	8.265	56	132687	18.951	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	149225	20.681	ug/l	92
36) 1,1-Dichloropropene	8.377	75	114647	19.108	ug/l	99
37) Ethyl Acetate	7.571	43	96531	20.080	ug/l	99
38) Carbon Tetrachloride	8.371	117	131293	19.623	ug/l	96
39) Methylcyclohexane	9.606	83	135743	18.526	ug/l	97
40) Benzene	8.612	78	347485	19.368	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	50561	20.065	ug/l	98
42) 1,2-Dichloroethane	8.677	62	128809	20.984	ug/l	98
43) Isopropyl Acetate	8.694	43	156062	19.934	ug/l	99
44) Trichloroethene	9.359	130	91463	18.025	ug/l	98
45) 1,2-Dichloropropane	9.624	63	84246	19.613	ug/l	97
46) Dibromomethane	9.712	93	62044	19.131	ug/l	96
47) Bromodichloromethane	9.894	83	129797	20.635	ug/l	96
48) Methyl methacrylate	9.682	41	75242	20.301	ug/l	94
49) 1,4-Dioxane	9.700	88	30548	390.605	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	473915	103.116	ug/l	99
52) Toluene	10.635	92	227050	18.925	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	118773	19.808	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	136176	19.740	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	89379	19.490	ug/l	97
56) Ethyl methacrylate	10.876	69	120973	20.433	ug/l	97
57) 1,3-Dichloropropane	11.165	76	147221	19.755	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	180309	90.212	ug/l	97
59) 2-Hexanone	11.200	43	346093	103.917	ug/l	98
60) Dibromochloromethane	11.359	129	98938	20.495	ug/l	99
61) 1,2-Dibromoethane	11.470	107	88898	19.421	ug/l	97
64) Tetrachloroethene	11.106	164	92410	17.293	ug/l	96
65) Chlorobenzene	11.894	112	236405	18.873	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	92574	19.864	ug/l	100
67) Ethyl Benzene	11.965	91	429712	20.045	ug/l	100
68) m/p-Xylenes	12.070	106	332946	38.731	ug/l	96
69) o-Xylene	12.400	106	166744	19.752	ug/l	95
70) Styrene	12.412	104	268182	19.896	ug/l	98
71) Bromoform	12.582	173	66023	19.617	ug/l #	100
73) Isopropylbenzene	12.700	105	435071	21.605	ug/l	99
74) N-amyl acetate	12.494	43	127153	21.952	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	114765	19.825	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	104647m	21.528	ug/l	
77) Bromobenzene	12.982	156	93885	19.601	ug/l	97
78) n-propylbenzene	13.035	91	460802	20.281	ug/l	99
79) 2-Chlorotoluene	13.129	91	280030	20.084	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	349496	20.717	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	31114	19.888	ug/l	94
82) 4-Chlorotoluene	13.129	91	280030	20.084	ug/l	99
83) tert-Butylbenzene	13.441	119	302909	20.188	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	349897	20.684	ug/l	99
85) sec-Butylbenzene	13.617	105	422653	20.300	ug/l	99
86) p-Isopropyltoluene	13.729	119	350997	20.502	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	174162	18.350	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	168678	18.746	ug/l	97
89) n-Butylbenzene	14.059	91	275674	20.284	ug/l	99
90) Hexachloroethane	14.335	117	59655	20.189	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	172667	18.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19084	18.965	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	73968	17.076	ug/l	98
94) Hexachlorobutadiene	15.500	225	44461	17.723	ug/l	99
95) Naphthalene	15.641	128	211878	16.929	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	73447	17.633	ug/l	98

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

