

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076440.D
 Acq On : 27 Jan 2023 15:34
 Operator : JC\MD
 Sample : VN0127MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 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 22:39:50 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	336861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	545665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	495882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222133	58.893	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.780%			
35) Dibromofluoromethane	8.171	113	186736	54.707	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.420%			
50) Toluene-d8	10.571	98	679936	53.938	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.880%			
62) 4-Bromofluorobenzene	12.853	95	239806	58.272	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61283	17.753	ug/l	100
3) Chloromethane	2.377	50	73637	20.603	ug/l	97
4) Vinyl Chloride	2.530	62	99189	22.633	ug/l	97
5) Bromomethane	2.971	94	72571	20.221	ug/l	99
6) Chloroethane	3.130	64	66827	20.335	ug/l	92
7) Trichlorofluoromethane	3.512	101	140715	23.338	ug/l	99
8) Diethyl Ether	3.977	74	40061	19.810	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.395	101	63943	18.734	ug/l	98
10) Methyl Iodide	4.600	142	92527	17.747	ug/l	97
11) Tert butyl alcohol	5.530	59	47000	93.162	ug/l	98
12) 1,1-Dichloroethene	4.348	96	56499	17.511	ug/l	94
13) Acrolein	4.201	56	67720	112.243	ug/l	100
14) Allyl chloride	5.042	41	78201	20.798	ug/l	92
15) Acrylonitrile	5.736	53	141825	98.788	ug/l	98
16) Acetone	4.442	43	135544	112.061	ug/l	97
17) Carbon Disulfide	4.730	76	125018	15.561	ug/l	99
18) Methyl Acetate	5.042	43	82933	20.239	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	210222	20.014	ug/l	99
20) Methylene Chloride	5.289	84	68688	18.823	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	62611	17.912	ug/l	97
22) Diisopropyl ether	6.683	45	187749	21.174	ug/l	98
23) Vinyl Acetate	6.618	43	598257	104.395	ug/l	98
24) 1,1-Dichloroethane	6.583	63	114794	19.422	ug/l	99
25) 2-Butanone	7.494	43	184338	99.821	ug/l	95
26) 2,2-Dichloropropane	7.500	77	96838	19.439	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	76490	18.762	ug/l	95
28) Bromochloromethane	7.818	49	51872	21.652	ug/l	96
29) Tetrahydrofuran	7.847	42	115952	101.735	ug/l	96
30) Chloroform	7.977	83	130400	19.939	ug/l	99
31) Cyclohexane	8.265	56	102004	17.605	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	114599	19.193	ug/l	92
36) 1,1-Dichloropropene	8.377	75	85528	17.634	ug/l	98
37) Ethyl Acetate	7.565	43	77538	19.953	ug/l	99
38) Carbon Tetrachloride	8.371	117	101840	18.828	ug/l	99
39) Methylcyclohexane	9.606	83	104754	17.686	ug/l	94
40) Benzene	8.612	78	274996	18.961	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	39057	19.174	ug/l	95
42) 1,2-Dichloroethane	8.677	62	102597	20.676	ug/l	98
43) Isopropyl Acetate	8.694	43	126336	19.962	ug/l	98
44) Trichloroethene	9.353	130	71626	17.461	ug/l	96
45) 1,2-Dichloropropane	9.624	63	69066	19.890	ug/l	98
46) Dibromomethane	9.712	93	50702	19.339	ug/l	97
47) Bromodichloromethane	9.894	83	103085	20.273	ug/l	99
48) Methyl methacrylate	9.682	41	61946	20.675	ug/l	95
49) 1,4-Dioxane	9.694	88	23529	372.167	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	385574	103.780	ug/l	98
52) Toluene	10.635	92	180852	18.647	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	101379	20.915	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	107788	19.329	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	75518	20.370	ug/l	95
56) Ethyl methacrylate	10.877	69	100227	20.941	ug/l	98
57) 1,3-Dichloropropane	11.165	76	122278	20.297	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	147209	91.109	ug/l	99
59) 2-Hexanone	11.200	43	279209	103.706	ug/l	97
60) Dibromochloromethane	11.365	129	80902	20.731	ug/l	100
61) 1,2-Dibromoethane	11.471	107	72724	19.653	ug/l	100
64) Tetrachloroethene	11.106	164	73563	16.450	ug/l	95
65) Chlorobenzene	11.894	112	196038	18.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	75987	19.483	ug/l	100
67) Ethyl Benzene	11.965	91	342690	19.102	ug/l	99
68) m/p-Xylenes	12.076	106	274026	38.092	ug/l	99
69) o-Xylene	12.400	106	135863	19.232	ug/l	99
70) Styrene	12.412	104	217056	19.242	ug/l	98
71) Bromoform	12.582	173	55979	19.875	ug/l #	99
73) Isopropylbenzene	12.700	105	352750	19.549	ug/l	99
74) N-amyl acetate	12.500	43	105343	20.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	104059	20.061	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	93414m	21.443	ug/l	
77) Bromobenzene	12.982	156	83695	19.497	ug/l	97
78) n-propylbenzene	13.035	91	399273	19.611	ug/l	98
79) 2-Chlorotoluene	13.129	91	243184	19.465	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	303556	20.081	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	26060	18.590	ug/l	91
82) 4-Chlorotoluene	13.129	91	243184	19.465	ug/l	100
83) tert-Butylbenzene	13.441	119	272542	20.271	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	300446	19.821	ug/l	99
85) sec-Butylbenzene	13.618	105	375489	20.127	ug/l	98
86) p-Isopropyltoluene	13.735	119	303493	19.783	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	153957	18.103	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	150322	18.644	ug/l	98
89) n-Butylbenzene	14.059	91	232860	19.121	ug/l	100
90) Hexachloroethane	14.341	117	50127	18.932	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	151166	17.846	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16489	18.287	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	67068	17.263	ug/l	99
94) Hexachlorobutadiene	15.506	225	38534	17.143	ug/l	98
95) Naphthalene	15.647	128	192599	17.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	66748	17.868	ug/l	99

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

