

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075774.D
 Acq On : 14 Dec 2022 16:51
 Operator : JC\MD
 Sample : VN1214MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 00:28:07 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	297943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	481677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	439541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	170977	52.749	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.500%			
35) Dibromofluoromethane	8.177	113	153539	51.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	10.571	98	572109	51.297	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.600%			
62) 4-Bromofluorobenzene	12.853	95	188756	51.098	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	37381	17.670	ug/l	99
3) Chloromethane	2.371	50	46018	17.493	ug/l	99
4) Vinyl Chloride	2.524	62	54616	17.405	ug/l	98
5) Bromomethane	2.959	94	51092	19.159	ug/l	90
6) Chloroethane	3.130	64	43016	18.512	ug/l	100
7) Trichlorofluoromethane	3.506	101	86191	18.102	ug/l	100
8) Diethyl Ether	3.977	74	33819	19.447	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	50004	18.391	ug/l	99
10) Methyl Iodide	4.600	142	78426	17.774	ug/l	100
11) Tert butyl alcohol	5.536	59	47709	104.021	ug/l	100
12) 1,1-Dichloroethene	4.353	96	46485	17.604	ug/l	97
13) Acrolein	4.194	56	58247	103.590	ug/l	97
14) Allyl chloride	5.041	41	52860	17.124	ug/l	90
15) Acrylonitrile	5.730	53	127531	101.893	ug/l	98
16) Acetone	4.447	43	106465	95.283	ug/l	98
17) Carbon Disulfide	4.724	76	106674	16.685	ug/l	100
18) Methyl Acetate	5.041	43	66002	19.984	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	171009	19.666	ug/l	98
20) Methylene Chloride	5.294	84	58015	19.013	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	52374	18.110	ug/l	96
22) Diisopropyl ether	6.683	45	147563	19.678	ug/l #	97
23) Vinyl Acetate	6.612	43	498722	98.810	ug/l	97
24) 1,1-Dichloroethane	6.583	63	91151	18.226	ug/l	98
25) 2-Butanone	7.494	43	162250	103.707	ug/l	97
26) 2,2-Dichloropropane	7.500	77	75103	17.733	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	64927	18.772	ug/l	98
28) Bromochloromethane	7.824	49	40301	18.386	ug/l	98
29) Tetrahydrofuran	7.847	42	100970	102.985	ug/l	100
30) Chloroform	7.971	83	102214	18.153	ug/l	98
31) Cyclohexane	8.265	56	80171	17.270	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	90420	18.113	ug/l	97
36) 1,1-Dichloropropene	8.382	75	71537	18.053	ug/l	99
37) Ethyl Acetate	7.565	43	62031	19.489	ug/l	97
38) Carbon Tetrachloride	8.371	117	80856	18.231	ug/l	92
39) Methylcyclohexane	9.606	83	90147	18.857	ug/l	95
40) Benzene	8.612	78	226550	18.530	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	32480	19.632	ug/l	95
42) 1,2-Dichloroethane	8.677	62	77538	19.077	ug/l	100
43) Isopropyl Acetate	8.700	43	106866	20.354	ug/l	99
44) Trichloroethene	9.359	130	60494	17.564	ug/l	92
45) 1,2-Dichloropropane	9.629	63	53978	18.143	ug/l	99
46) Dibromomethane	9.712	93	42314	19.176	ug/l	98
47) Bromodichloromethane	9.894	83	79732	18.425	ug/l	97
48) Methyl methacrylate	9.682	41	49790	21.055	ug/l	99
49) 1,4-Dioxane	9.700	88	25120	432.090	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	336508	105.979	ug/l	98
52) Toluene	10.635	92	151233	18.993	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	82114	19.385	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	89187	19.177	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	61673	19.734	ug/l	95
56) Ethyl methacrylate	10.876	69	85471	20.589	ug/l	98
57) 1,3-Dichloropropane	11.165	76	99630	19.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	118792	89.880	ug/l	100
59) 2-Hexanone	11.200	43	245089	105.842	ug/l	100
60) Dibromochloromethane	11.359	129	65287	18.784	ug/l	100
61) 1,2-Dibromoethane	11.470	107	61348	19.397	ug/l	95
64) Tetrachloroethene	11.106	164	53329	17.242	ug/l	100
65) Chlorobenzene	11.894	112	161751	17.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	61791	18.492	ug/l	100
67) Ethyl Benzene	11.965	91	281402	18.482	ug/l	99
68) m/p-Xylenes	12.070	106	228152	37.859	ug/l	98
69) o-Xylene	12.400	106	112663	18.891	ug/l	99
70) Styrene	12.412	104	183070	19.306	ug/l	98
71) Bromoform	12.582	173	47368	19.481	ug/l #	98
73) Isopropylbenzene	12.700	105	290125	18.896	ug/l	99
74) N-amyl acetate	12.500	43	91066	20.218	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	88884	18.727	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	67022m	15.649	ug/l	
77) Bromobenzene	12.982	156	72071	18.548	ug/l	97
78) n-propylbenzene	13.041	91	320470	18.925	ug/l	99
79) 2-Chlorotoluene	13.129	91	197329	18.667	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	247187	19.236	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	23371	19.643	ug/l	96
82) 4-Chlorotoluene	13.129	91	197329	18.667	ug/l	100
83) tert-Butylbenzene	13.441	119	224728	19.835	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	247544	19.419	ug/l	100
85) sec-Butylbenzene	13.617	105	299332	19.142	ug/l	98
86) p-Isopropyltoluene	13.735	119	256328	19.700	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	132414	18.449	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	131269	17.903	ug/l	98
89) n-Butylbenzene	14.059	91	197527	18.738	ug/l	99
90) Hexachloroethane	14.335	117	43133	18.532	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	133342	18.861	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15016	17.829	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	64546	18.441	ug/l	99
94) Hexachlorobutadiene	15.506	225	35004	18.330	ug/l	98
95) Naphthalene	15.647	128	192688	18.116	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	62171	19.005	ug/l	99

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

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