

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
 Data File : VN075277.D
 Acq On : 15 Nov 2022 12:24
 Operator : JC\MD
 Sample : VN1115MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

Quant Time: Nov 16 01:01:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	134458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	233752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	86412	47.698	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.400%		
35) Dibromofluoromethane	8.171	113	75879	55.296	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.600%		
50) Toluene-d8	10.565	98	277524	52.128	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.260%		
62) 4-Bromofluorobenzene	12.847	95	101662	54.359	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.720%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	28761	16.443	ug/l	94
3) Chloromethane	2.371	50	28694	15.444	ug/l	99
4) Vinyl Chloride	2.524	62	42334	15.972	ug/l	93
5) Bromomethane	2.918	94	36028	15.650	ug/l	87
6) Chloroethane	3.101	64	30504	16.050	ug/l	91
7) Trichlorofluoromethane	3.495	101	52720	19.471	ug/l	96
8) Diethyl Ether	3.971	74	19515	19.761	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	30600	20.465	ug/l	98
10) Methyl Iodide	4.595	142	45775	20.563	ug/l	97
11) Tert butyl alcohol	5.542	59	33457	79.191	ug/l	99
12) 1,1-Dichloroethene	4.342	96	29068	20.395	ug/l	99
13) Acrolein	4.183	56	16987	49.156	ug/l	96
14) Allyl chloride	5.024	41	39912	19.173	ug/l #	84
15) Acrylonitrile	5.724	53	81398	91.205	ug/l	99
16) Acetone	4.442	43	80704	105.206	ug/l	100
17) Carbon Disulfide	4.718	76	65497	18.274	ug/l	97
18) Methyl Acetate	5.030	43	45402	18.119	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	101524	19.165	ug/l	98
20) Methylene Chloride	5.277	84	33794	19.758	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	31153	19.963	ug/l	88
22) Diisopropyl ether	6.683	45	87377	19.020	ug/l #	95
23) Vinyl Acetate	6.612	43	341806m	89.103	ug/l	
24) 1,1-Dichloroethane	6.577	63	56965	19.607	ug/l	99
25) 2-Butanone	7.483	43	111059	92.045	ug/l	96
26) 2,2-Dichloropropane	7.494	77	49981	18.700	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	37943	20.360	ug/l	95
28) Bromochloromethane	7.812	49	22354	18.252	ug/l	92
29) Tetrahydrofuran	7.841	42	67019	85.957	ug/l	99
30) Chloroform	7.971	83	62032	19.665	ug/l	99
31) Cyclohexane	8.253	56	51013	18.933	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	56929	19.873	ug/l	97
36) 1,1-Dichloropropene	8.371	75	43659	20.551	ug/l	99
37) Ethyl Acetate	7.565	43	42149	18.091	ug/l	99
38) Carbon Tetrachloride	8.365	117	48199	20.625	ug/l	94
39) Methylcyclohexane	9.600	83	57546	20.518	ug/l	96
40) Benzene	8.606	78	136884	21.043	ug/l	99

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41) Methacrylonitrile	7.783	41	22436	20.100	ug/l	98
42) 1,2-Dichloroethane	8.671	62	46780	19.767	ug/l	97
43) Isopropyl Acetate	8.688	43	67601	18.706	ug/l	99
44) Trichloroethene	9.347	130	35722	21.889	ug/l	98
45) 1,2-Dichloropropane	9.630	63	33519	21.653	ug/l	94
46) Dibromomethane	9.706	93	25069	20.786	ug/l	97
47) Bromodichloromethane	9.888	83	47967	20.538	ug/l #	97
48) Methyl methacrylate	9.682	41	31215	18.830	ug/l	96
49) 1,4-Dioxane	9.694	88	17737	408.588	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	215072	92.223	ug/l	99
52) Toluene	10.629	92	91414	21.023	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	49159	19.941	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	54150	20.710	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	35770	20.747	ug/l	96
56) Ethyl methacrylate	10.871	69	51126	19.440	ug/l	99
57) 1,3-Dichloropropane	11.165	76	59854	20.846	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	102179	100.498	ug/l	97
59) 2-Hexanone	11.194	43	166044	93.812	ug/l	100
60) Dibromochloromethane	11.359	129	38088	20.939	ug/l	99
61) 1,2-Dibromoethane	11.471	107	36474	20.643	ug/l	99
64) Tetrachloroethene	11.100	164	32803	24.778	ug/l	94
65) Chlorobenzene	11.888	112	97407	21.133	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	34724	20.309	ug/l	99
67) Ethyl Benzene	11.965	91	172757	20.833	ug/l	98
68) m/p-Xylenes	12.071	106	137959	41.461	ug/l	96
69) o-Xylene	12.400	106	68645	20.861	ug/l	98
70) Styrene	12.412	104	109517	20.873	ug/l	99
71) Bromoform	12.576	173	26290	20.537	ug/l #	96
73) Isopropylbenzene	12.694	105	177240	20.617	ug/l	99
74) N-amyl acetate	12.494	43	57740	18.160	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	52605	18.839	ug/l	96
76) 1,2,3-Trichloropropane	12.988	75	44653m	19.639	ug/l	
77) Bromobenzene	12.976	156	41400	21.871	ug/l	92
78) n-propylbenzene	13.035	91	199435	20.663	ug/l	99
79) 2-Chlorotoluene	13.123	91	120298	20.396	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	150558	20.851	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16235	18.329	ug/l	94
82) 4-Chlorotoluene	13.123	91	120298	20.396	ug/l	98
83) tert-Butylbenzene	13.435	119	135091	21.055	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	151115	20.684	ug/l	99
85) sec-Butylbenzene	13.617	105	186415	20.769	ug/l	100
86) p-Isopropyltoluene	13.729	119	158447	21.375	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	78313	21.130	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	78201	21.320	ug/l	99
89) n-Butylbenzene	14.059	91	130755	21.905	ug/l	100
90) Hexachloroethane	14.329	117	25492	18.757	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	77800	21.115	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10628	18.328	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	37367	23.567	ug/l	99
94) Hexachlorobutadiene	15.500	225	18962	24.532	ug/l	98
95) Naphthalene	15.635	128	124497	20.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36729	23.314	ug/l	100

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

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