

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075331.D
 Acq On : 18 Nov 2022 22:40
 Operator : JC\MD
 Sample : VN1118MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2022
 Supervised By : Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 05:16:13 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	139844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	233704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	73388	38.949	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.900%		
35) Dibromofluoromethane	8.171	113	69712	50.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.620%		
50) Toluene-d8	10.565	98	240528	45.188	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.380%		
62) 4-Bromofluorobenzene	12.847	95	89990	48.128	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	27794	15.278	ug/l	96
3) Chloromethane	2.371	50	26711	13.823	ug/l	99
4) Vinyl Chloride	2.524	62	37161	13.481	ug/l	93
5) Bromomethane	2.918	94	32237	12.712	ug/l	99
6) Chloroethane	3.101	64	26414	13.363	ug/l	95
7) Trichlorofluoromethane	3.495	101	51378	18.245	ug/l	98
8) Diethyl Ether	3.971	74	17992	17.517	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	29038	18.672	ug/l	96
10) Methyl Iodide	4.595	142	44511	19.225	ug/l	97
11) Tert butyl alcohol	5.530	59	40687	92.595	ug/l	98
12) 1,1-Dichloroethene	4.342	96	26982	18.202	ug/l	89
13) Acrolein	4.183	56	64592	179.715	ug/l	98
14) Allyl chloride	5.024	41	37035	17.106	ug/l	95
15) Acrylonitrile	5.730	53	80521	86.748	ug/l	99
16) Acetone	4.436	43	66958	83.925	ug/l	99
17) Carbon Disulfide	4.712	76	64207	17.224	ug/l	98
18) Methyl Acetate	5.042	43	48669	18.675	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	95928	17.411	ug/l	98
20) Methylene Chloride	5.283	84	32315	18.166	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	29009	17.873	ug/l	87
22) Diisopropyl ether	6.683	45	82956	17.363	ug/l	98
23) Vinyl Acetate	6.612	43	325989	81.706	ug/l	100
24) 1,1-Dichloroethane	6.571	63	53140	17.586	ug/l	98
25) 2-Butanone	7.489	43	102074	81.340	ug/l	98
26) 2,2-Dichloropropane	7.494	77	43883	15.786	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	35877	18.510	ug/l	94
28) Bromochloromethane	7.818	49	19833	15.570	ug/l	87
29) Tetrahydrofuran	7.847	42	67503	83.244	ug/l	98
30) Chloroform	7.971	83	58681	17.886	ug/l	100
31) Cyclohexane	8.265	56	45274	16.156	ug/l #	94
32) 1,1,1-Trichloroethane	8.171	97	53473	17.948	ug/l	96
36) 1,1-Dichloropropene	8.377	75	41033	19.318	ug/l	98
37) Ethyl Acetate	7.565	43	41966	18.016	ug/l	99
38) Carbon Tetrachloride	8.365	117	48331	20.686	ug/l	95
39) Methylcyclohexane	9.600	83	51703	18.438	ug/l	94
40) Benzene	8.606	78	129358	19.890	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	21618	19.371	ug/l	97
42) 1,2-Dichloroethane	8.677	62	42987	18.168	ug/l	96
43) Isopropyl Acetate	8.694	43	75809	20.981	ug/l	96
44) Trichloroethene	9.353	130	34823	21.342	ug/l	92
45) 1,2-Dichloropropane	9.624	63	30855	19.936	ug/l	93
46) Dibromomethane	9.712	93	23399	19.405	ug/l	92
47) Bromodichloromethane	9.888	83	47120	20.179	ug/l	97
48) Methyl methacrylate	9.682	41	28779	17.364	ug/l	97
49) 1,4-Dioxane	9.700	88	18511	426.505	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	212846	91.287	ug/l	98
52) Toluene	10.630	92	86537	19.906	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	46468	18.854	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	50048	19.145	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	34667	20.111	ug/l	97
56) Ethyl methacrylate	10.877	69	48655	18.504	ug/l	99
57) 1,3-Dichloropropane	11.165	76	54690	19.051	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	85872	84.476	ug/l	98
59) 2-Hexanone	11.194	43	159559	90.166	ug/l	97
60) Dibromochloromethane	11.359	129	37060	20.378	ug/l	98
61) 1,2-Dibromoethane	11.471	107	35388	20.032	ug/l	98
64) Tetrachloroethene	11.106	164	31087	23.495	ug/l	86
65) Chlorobenzene	11.894	112	92274	20.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	34906	20.427	ug/l	100
67) Ethyl Benzene	11.965	91	158927	19.176	ug/l	95
68) m/p-Xylenes	12.071	106	131068	39.413	ug/l	98
69) o-Xylene	12.400	106	64860	19.722	ug/l	95
70) Styrene	12.412	104	104352	19.900	ug/l	98
71) Bromoform	12.576	173	27491	21.487	ug/l #	99
73) Isopropylbenzene	12.694	105	163606	18.384	ug/l	97
74) N-amyl acetate	12.494	43	56362	17.124	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	52599	18.059	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	44767m	19.020	ug/l	
77) Bromobenzene	12.982	156	39978	20.402	ug/l	88
78) n-propylbenzene	13.035	91	184831	18.499	ug/l	100
79) 2-Chlorotoluene	13.123	91	113741	18.629	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	141903	18.984	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	14874	16.222	ug/l	95
82) 4-Chlorotoluene	13.123	91	113741	18.629	ug/l	97
83) tert-Butylbenzene	13.441	119	129413	19.485	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	142713	18.870	ug/l	98
85) sec-Butylbenzene	13.618	105	174341	18.764	ug/l	98
86) p-Isopropyltoluene	13.729	119	148650	19.372	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	78260	20.398	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	76910	20.255	ug/l	98
89) n-Butylbenzene	14.059	91	116817	18.905	ug/l	98
90) Hexachloroethane	14.335	117	24839	17.655	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	75639	19.831	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10145	16.900	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	37911	23.098	ug/l	96
94) Hexachlorobutadiene	15.500	225	19040	23.796	ug/l	97
95) Naphthalene	15.641	128	118012	18.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35556	21.802	ug/l	97

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

