

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120122\
 Data File : VN075518.D
 Acq On : 01 Dec 2022 16:42
 Operator : JC\MD
 Sample : VN1201MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2022
 Supervised By : Mahesh Dadoda 12/02/2022

Quant Time: Dec 02 04:37:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	145180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	236264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	38912	49.932	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.860%		
35) Dibromofluoromethane	8.171	113	47992	51.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.420%		
50) Toluene-d8	10.565	98	102907	49.229	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.460%		
62) 4-Bromofluorobenzene	12.853	95	77853	50.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	18677	16.824	ug/l	92
3) Chloromethane	2.371	50	22170	16.050	ug/l	95
4) Vinyl Chloride	2.530	62	27324	15.695	ug/l	98
5) Bromomethane	2.936	94	28500	18.617	ug/l	91
6) Chloroethane	3.112	64	22544	17.090	ug/l	96
7) Trichlorofluoromethane	3.495	101	41607	16.730	ug/l	96
8) Diethyl Ether	3.971	74	17688	20.292	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	24980	18.194	ug/l	90
10) Methyl Iodide	4.601	142	42536	19.119	ug/l	95
11) Tert butyl alcohol	5.536	59	28487	87.078	ug/l	99
12) 1,1-Dichloroethene	4.354	96	23002	17.109	ug/l #	80
13) Acrolein	4.189	56	25317	88.833	ug/l	98
14) Allyl chloride	5.030	41	32208	18.520	ug/l	95
15) Acrylonitrile	5.730	53	75727	100.894	ug/l	96
16) Acetone	4.442	43	63942	87.965	ug/l	99
17) Carbon Disulfide	4.718	76	49706	14.226	ug/l	98
18) Methyl Acetate	5.036	43	39964	21.059	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	96460	20.253	ug/l	97
20) Methylene Chloride	5.283	84	30309	19.789	ug/l	87
21) trans-1,2-Dichloroethene	5.800	96	25645	16.738	ug/l	99
22) Diisopropyl ether	6.683	45	77795	19.603	ug/l	98
23) Vinyl Acetate	6.612	43	307717	97.465	ug/l	96
24) 1,1-Dichloroethane	6.577	63	47961	18.828	ug/l	97
25) 2-Butanone	7.495	43	93246	91.882	ug/l	100
26) 2,2-Dichloropropane	7.495	77	42230	17.838	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	33623	19.407	ug/l	92
28) Bromochloromethane	7.818	49	19879	19.226	ug/l #	79
29) Tetrahydrofuran	7.847	42	58132	94.172	ug/l	95
30) Chloroform	7.965	83	56340	19.260	ug/l	98
31) Cyclohexane	8.265	56	39132	15.805	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	47832	18.009	ug/l	96
36) 1,1-Dichloropropene	8.371	75	35150	17.366	ug/l	96
37) Ethyl Acetate	7.571	43	37318	20.476	ug/l	99
38) Carbon Tetrachloride	8.365	117	40285	18.118	ug/l	99
39) Methylcyclohexane	9.600	83	44149	17.429	ug/l	94
40) Benzene	8.606	78	119170	19.230	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	19655	21.095	ug/l	97
42) 1,2-Dichloroethane	8.671	62	41831	20.155	ug/l	94
43) Isopropyl Acetate	8.694	43	60410	20.651	ug/l	98
44) Trichloroethene	9.353	130	31748	18.723	ug/l	95
45) 1,2-Dichloropropane	9.624	63	29260	19.814	ug/l	97
46) Dibromomethane	9.712	93	23407	20.955	ug/l	91
47) Bromodichloromethane	9.888	83	43174	19.959	ug/l #	93
48) Methyl methacrylate	9.683	41	26438	19.545	ug/l	95
49) 1,4-Dioxane	9.694	88	14974	389.854	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	187665	100.722	ug/l	96
52) Toluene	10.630	92	78998	19.782	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	43485	20.025	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	48444	20.540	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	33446	20.564	ug/l	94
56) Ethyl methacrylate	10.871	69	46994	21.395	ug/l	95
57) 1,3-Dichloropropane	11.165	76	55097	20.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	79990	100.974	ug/l	94
59) 2-Hexanone	11.200	43	139303	99.568	ug/l	98
60) Dibromochloromethane	11.359	129	36726	21.998	ug/l	100
61) 1,2-Dibromoethane	11.471	107	34308	20.323	ug/l	98
64) Tetrachloroethene	11.106	164	28876	17.458	ug/l	94
65) Chlorobenzene	11.894	112	88923	19.879	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	34176	20.471	ug/l	99
67) Ethyl Benzene	11.965	91	148616	19.474	ug/l	99
68) m/p-Xylenes	12.071	106	121699	39.270	ug/l	98
69) o-Xylene	12.400	106	59835	19.433	ug/l	97
70) Styrene	12.412	104	96133	19.791	ug/l	99
71) Bromoform	12.582	173	26960	21.218	ug/l #	99
73) Isopropylbenzene	12.700	105	149998	19.281	ug/l	97
74) N-amyl acetate	12.494	43	49000	20.487	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	50037	21.096	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	42910m	21.313	ug/l	
77) Bromobenzene	12.982	156	39620	20.629	ug/l	84
78) n-propylbenzene	13.041	91	169788	19.556	ug/l	100
79) 2-Chlorotoluene	13.129	91	105801	20.225	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	131140	20.289	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	14085	20.699	ug/l	96
82) 4-Chlorotoluene	13.129	91	105801	20.225	ug/l	97
83) tert-Butylbenzene	13.441	119	116263	19.729	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	130212	20.084	ug/l	98
85) sec-Butylbenzene	13.618	105	152919	19.124	ug/l	99
86) p-Isopropyltoluene	13.729	119	131318	19.519	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	73741	20.264	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	72551	19.627	ug/l	98
89) n-Butylbenzene	14.059	91	103117	18.148	ug/l	99
90) Hexachloroethane	14.335	117	23124	19.924	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	75617	21.318	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	8949	19.918	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	37116	20.418	ug/l	96
94) Hexachlorobutadiene	15.506	225	17944	18.951	ug/l	98
95) Naphthalene	15.641	128	116472	20.367	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35996	20.148	ug/l	97

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

