

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069262.D
 Acq On : 28 Oct 2021 20:36
 Operator : JC/MD
 Sample : VN1028MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 11/01/2021

Quant Time: Oct 29 07:53:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	235680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	415194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	381996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	155484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	177703	52.233	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.460%		
35) Dibromofluoromethane	8.024	113	133063	51.412	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 102.820%		
50) Toluene-d8	10.443	98	530877	51.301	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 102.600%		
62) 4-Bromofluorobenzene	12.733	95	188201	48.195	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 96.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	55802	20.666	ug/l	98
3) Chloromethane	2.303	50	58880	20.587	ug/l	100
4) Vinyl Chloride	2.443	62	69565	20.799	ug/l	99
5) Bromomethane	2.853	94	46651	23.543	ug/l	99
6) Chloroethane	3.019	64	44112	21.480	ug/l	99
7) Trichlorofluoromethane	3.373	101	104621	25.029	ug/l	100
8) Diethyl Ether	3.821	74	39104	26.299	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.205	101	46995	21.195	ug/l	99
10) Methyl Iodide	4.417	142	58022	19.474	ug/l	97
11) Tert butyl alcohol	5.390	59	63473	104.235	ug/l	100
12) 1,1-Dichloroethene	4.173	96	44713	21.092	ug/l	97
13) Acrolein	4.041	56	12656	84.475	ug/l	98
14) Allyl chloride	4.838	41	75642	20.171	ug/l	97
15) Acrylonitrile	5.559	53	153721	107.117	ug/l	99
16) Acetone	4.291	43	138613	95.627	ug/l	99
17) Carbon Disulfide	4.524	76	104846	18.574	ug/l	99
18) Methyl Acetate	4.859	43	105606	21.439	ug/l	98
19) Methyl tert-butyl Ether	5.623	73	173007	20.743	ug/l	98
20) Methylene Chloride	5.092	84	55045	19.798	ug/l	96
21) trans-1,2-Dichloroethene	5.597	96	47794	19.967	ug/l	98
22) Diisopropyl ether	6.500	45	164193	19.336	ug/l	99
23) Vinyl Acetate	6.436	43	633310m	95.501	ug/l	
24) 1,1-Dichloroethane	6.385	63	94787	21.148	ug/l	100
25) 2-Butanone	7.343	43	215320	97.926	ug/l	97
26) 2,2-Dichloropropane	7.327	77	75060	17.607	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	58399	20.648	ug/l	97
28) Bromochloromethane	7.659	49	31890	14.201	ug/l	95
29) Tetrahydrofuran	7.691	42	137609	98.179	ug/l	95
30) Chloroform	7.820	83	99105	20.341	ug/l	96
31) Cyclohexane	8.094	56	89183	19.587	ug/l #	90
32) 1,1,1-Trichloroethane	8.016	97	88300	19.066	ug/l	99
36) 1,1-Dichloropropene	8.222	75	70864	19.797	ug/l	100
37) Ethyl Acetate	7.418	43	81350	19.944	ug/l	97
38) Carbon Tetrachloride	8.206	117	73372	18.630	ug/l	96
39) Methylcyclohexane	9.459	83	88707	20.015	ug/l	98
40) Benzene	8.461	78	222696	20.684	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	42409	21.090	ug/l	97
42) 1,2-Dichloroethane	8.533	62	82144	20.274	ug/l	100
43) Isopropyl Acetate	8.563	43	136422	19.460	ug/l	99
44) Trichloroethene	9.217	130	53540	19.749	ug/l	99
45) 1,2-Dichloropropane	9.494	63	56247	20.521	ug/l	98
46) Dibromomethane	9.579	93	40091	20.587	ug/l	99
47) Bromodichloromethane	9.764	83	73975	18.453	ug/l	100
48) Methyl methacrylate	9.563	41	63902	20.757	ug/l	97
49) 1,4-Dioxane	9.571	88	27207	387.008	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	433728	97.673	ug/l	98
52) Toluene	10.507	92	141912	20.098	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	76626	17.508	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	84407	18.190	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	56960	20.108	ug/l	98
56) Ethyl methacrylate	10.762	69	91760	18.721	ug/l	98
57) 1,3-Dichloropropane	11.046	76	95148	20.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	100070	84.657	ug/l	99
59) 2-Hexanone	11.087	43	320625	95.659	ug/l	100
60) Dibromochloromethane	11.240	129	53127	17.798	ug/l	100
61) 1,2-Dibromoethane	11.347	107	58433	18.594	ug/l	98
64) Tetrachloroethene	10.979	164	48405	19.838	ug/l	98
65) Chlorobenzene	11.773	112	150020	19.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	53215	18.553	ug/l	99
67) Ethyl Benzene	11.846	91	274344	20.032	ug/l	99
68) m/p-Xylenes	11.953	106	207981	40.770	ug/l	99
69) o-Xylene	12.283	106	103088	20.079	ug/l	99
70) Styrene	12.296	104	163431	18.461	ug/l	98
71) Bromoform	12.460	173	36488	17.397	ug/l #	100
73) Isopropylbenzene	12.581	105	267257	20.449	ug/l	100
74) N-amyl acetate	12.390	43	102385	19.886	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	88466	21.204	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	70421m	17.220	ug/l	
77) Bromobenzene	12.862	156	60871	19.854	ug/l	99
78) n-propylbenzene	12.921	91	293779	19.858	ug/l	100
79) 2-Chlorotoluene	13.010	91	186522	20.019	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	221025	20.371	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	21623	18.480	ug/l #	86
82) 4-Chlorotoluene	13.106	91	180114	19.600	ug/l	99
83) tert-Butylbenzene	13.323	119	194879	20.586	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	215320	20.290	ug/l	99
85) sec-Butylbenzene	13.503	105	265980	20.279	ug/l	99
86) p-Isopropyltoluene	13.618	119	211077	20.179	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	104268	19.438	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	102312	19.688	ug/l	98
89) n-Butylbenzene	13.946	91	164670	18.590	ug/l	99
90) Hexachloroethane	14.214	117	35191	18.329	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	102182	19.553	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	16422	20.013	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	46102	19.836	ug/l	99
94) Hexachlorobutadiene	15.372	225	25236	19.624	ug/l	99
95) Naphthalene	15.507	128	147897	21.083	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	47325	20.547	ug/l	98

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

