

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070361.D
 Acq On : 29 Dec 2021 20:31
 Operator : JC/MD
 Sample : VN1229MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229MBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

12/30/2021
 Supervised By : Mahesh
 Dadoda

Quant Time: Dec 30 01:52:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1074202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1775098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1648305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	627392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	738212	47.796	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.600%
35) Dibromofluoromethane	8.021	113	536516	49.954	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.900%
50) Toluene-d8	10.443	98	2144049	48.867	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.731	95	719536	45.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.820%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	220784	18.124	ug/l	99
3) Chloromethane	2.303	50	299516	18.074	ug/l	99
4) Vinyl Chloride	2.446	62	268031	17.765	ug/l	98
5) Bromomethane	2.845	94	134451	17.266	ug/l	98
6) Chloroethane	3.014	64	159872	17.595	ug/l	98
7) Trichlorofluoromethane	3.371	101	311530	17.155	ug/l	99
8) Diethyl Ether	3.824	74	141065	17.621	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.208	101	198997	17.916	ug/l	95
10) Methyl Iodide	4.419	142	262028	17.432	ug/l	99
11) Tert butyl alcohol	5.385	59	208347	81.016	ug/l	98
12) 1,1-Dichloroethene	4.178	96	192051	17.554	ug/l	91
13) Acrolein	4.041	56	167738	80.388	ug/l	98
14) Allyl chloride	4.838	41	437988	17.658	ug/l	88
15) Acrylonitrile	5.557	53	782411	97.497	ug/l	100
16) Acetone	4.291	43	706507	70.466	ug/l	99
17) Carbon Disulfide	4.527	76	551218	18.458	ug/l	98
18) Methyl Acetate	4.859	43	543563	18.742	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	721985	17.770	ug/l	92
20) Methylene Chloride	5.095	84	248036	17.880	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	207707	17.931	ug/l	85
22) Diisopropyl ether	6.498	45	894103	18.507	ug/l #	92
23) Vinyl Acetate	6.436	43	3442453	91.838	ug/l #	93
24) 1,1-Dichloroethane	6.388	63	451024	18.005	ug/l	98
25) 2-Butanone	7.340	43	1131353	89.618	ug/l	91
26) 2,2-Dichloropropane	7.327	77	301515	15.257	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	247125	17.880	ug/l	87
28) Bromochloromethane	7.657	49	206457	16.852	ug/l #	76
29) Tetrahydrofuran	7.689	42	745531	98.981	ug/l	87
30) Chloroform	7.820	83	442146	18.295	ug/l	99
31) Cyclohexane	8.094	56	445877	18.294	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	368719	18.095	ug/l	95
36) 1,1-Dichloropropene	8.223	75	312600	17.594	ug/l	96
37) Ethyl Acetate	7.415	43	436248	18.943	ug/l	96
38) Carbon Tetrachloride	8.206	117	312609	18.426	ug/l	99
39) Methylcyclohexane	9.459	83	366866	17.056	ug/l #	88
40) Benzene	8.461	78	1004418	18.440	ug/l	99

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41) Methacrylonitrile	7.641	41	238810	20.732	ug/l #	83
42) 1,2-Dichloroethane	8.528	62	369798	18.062	ug/l	99
43) Isopropyl Acetate	8.563	43	673528	18.550	ug/l #	93
44) Trichloroethene	9.218	130	229283	17.715	ug/l	92
45) 1,2-Dichloropropane	9.491	63	275698	18.799	ug/l	98
46) Dibromomethane	9.580	93	167178	18.332	ug/l	95
47) Bromodichloromethane	9.762	83	352253	19.453	ug/l	98
48) Methyl methacrylate	9.561	41	311815	18.004	ug/l	86
49) 1,4-Dioxane	9.572	88	73271	289.010	ug/l #	81
51) 4-Methyl-2-Pentanone	10.333	43	2274298	99.682	ug/l	96
52) Toluene	10.508	92	613699	18.614	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	356074	18.164	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	389993	18.391	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	245739	18.838	ug/l	97
56) Ethyl methacrylate	10.762	69	391206	18.149	ug/l	90
57) 1,3-Dichloropropane	11.044	76	427104	18.511	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	377039	81.923	ug/l	90
59) 2-Hexanone	11.087	43	1575920	94.717	ug/l	94
60) Dibromochloromethane	11.240	129	256357	20.141	ug/l	100
61) 1,2-Dibromoethane	11.347	107	247265	18.668	ug/l	98
64) Tetrachloroethene	10.977	164	209012	17.511	ug/l	97
65) Chlorobenzene	11.771	112	626928	17.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	229378	18.372	ug/l	98
67) Ethyl Benzene	11.846	91	1155544	18.033	ug/l	96
68) m/p-Xylenes	11.953	106	831798	35.661	ug/l	92
69) o-Xylene	12.280	106	412650	17.786	ug/l	93
70) Styrene	12.294	104	667766	18.185	ug/l	96
71) Bromoform	12.457	173	196617	21.219	ug/l #	99
73) Isopropylbenzene	12.578	105	1082327	18.577	ug/l	98
74) N-amyl acetate	12.388	43	439383	17.936	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	386329	19.225	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	329352m	19.496	ug/l	
77) Bromobenzene	12.860	156	245413	18.347	ug/l	77
78) n-propylbenzene	12.921	91	1193583	18.490	ug/l	95
79) 2-Chlorotoluene	13.007	91	740036	17.867	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	881552	18.881	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	100121	19.497	ug/l	99
82) 4-Chlorotoluene	13.106	91	697402	17.975	ug/l	91
83) tert-Butylbenzene	13.324	119	733434	17.840	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	856575	19.053	ug/l	98
85) sec-Butylbenzene	13.501	105	1010500	18.104	ug/l	97
86) p-Isopropyltoluene	13.616	119	795598	18.146	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	402873	17.992	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	379620	17.187	ug/l	95
89) n-Butylbenzene	13.943	91	614016	16.790	ug/l	97
90) Hexachloroethane	14.209	117	162629	21.351	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	395394	18.012	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	68164	20.196	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	169722	16.409	ug/l	98
94) Hexachlorobutadiene	15.370	225	105940	17.623	ug/l	99
95) Naphthalene	15.507	128	432517	16.384	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	170051	17.730	ug/l	99

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

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

