

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070417.D
 Acq On : 31 Dec 2021 00:05
 Operator : JC/MD
 Sample : VN1230MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230MBS02

Quant Time: Dec 31 05:27:13 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

Manual Integrations APPROVED

Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	883452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1471390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1350435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	522439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	662019	52.118	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.240%	
35) Dibromofluoromethane	8.024	113	484445	54.416	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.840%	
50) Toluene-d8	10.443	98	1901355	52.281	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.731	95	633681	48.242	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	176246	17.592	ug/l	97
3) Chloromethane	2.303	50	246815	18.110	ug/l	100
4) Vinyl Chloride	2.445	62	216231	17.426	ug/l	99
5) Bromomethane	2.856	94	117403	18.332	ug/l	99
6) Chloroethane	3.019	64	123759	16.562	ug/l	99
7) Trichlorofluoromethane	3.376	101	248083	16.611	ug/l	97
8) Diethyl Ether	3.824	74	119277	18.117	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	162831	17.825	ug/l	95
10) Methyl Iodide	4.419	142	216519	17.514	ug/l	99
11) Tert butyl alcohol	5.388	59	210196	99.383	ug/l	98
12) 1,1-Dichloroethene	4.181	96	156543	17.398	ug/l	88
13) Acrolein	4.041	56	145479	84.774	ug/l	97
14) Allyl chloride	4.840	41	373416	18.305	ug/l #	85
15) Acrylonitrile	5.559	53	679293	102.924	ug/l	99
16) Acetone	4.293	43	607685	73.696	ug/l	100
17) Carbon Disulfide	4.527	76	459034	18.690	ug/l	98
18) Methyl Acetate	4.859	43	473822	19.865	ug/l	90
19) Methyl tert-butyl Ether	5.624	73	595434	17.820	ug/l	92
20) Methylene Chloride	5.095	84	203965	17.878	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	170637	17.912	ug/l	86
22) Diisopropyl ether	6.503	45	749689	18.868	ug/l	92
23) Vinyl Acetate	6.439	43	2907954	94.329	ug/l #	94
24) 1,1-Dichloroethane	6.391	63	374419	18.174	ug/l	99
25) 2-Butanone	7.340	43	968251	93.258	ug/l	91
26) 2,2-Dichloropropane	7.327	77	227347	13.988	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	203546	17.906	ug/l	87
28) Bromochloromethane	7.659	49	194954	19.349	ug/l #	74
29) Tetrahydrofuran	7.691	42	658238	106.261	ug/l #	86
30) Chloroform	7.820	83	365852	18.407	ug/l	99
31) Cyclohexane	8.096	56	362350	18.077	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	305741	18.244	ug/l	96
36) 1,1-Dichloropropene	8.222	75	255499	17.349	ug/l	96
37) Ethyl Acetate	7.418	43	377923	19.797	ug/l	96
38) Carbon Tetrachloride	8.209	117	256887	18.267	ug/l	100
39) Methylcyclohexane	9.461	83	294867	16.538	ug/l #	87
40) Benzene	8.461	78	826162	18.298	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	194510	20.371	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	303689	17.895	ug/l	98
43) Isopropyl Acetate	8.563	43	567297	18.849	ug/l #	95
44) Trichloroethene	9.217	130	186372	17.372	ug/l	93
45) 1,2-Dichloropropane	9.491	63	228874	18.827	ug/l	98
46) Dibromomethane	9.579	93	140922	18.642	ug/l	95
47) Bromodichloromethane	9.765	83	292920	19.515	ug/l	98
48) Methyl methacrylate	9.561	41	261606	18.223	ug/l #	83
49) 1,4-Dioxane	9.571	88	90206	429.251	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	1943660	102.774	ug/l	95
52) Toluene	10.505	92	496796	18.178	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	287223	17.676	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	319979	18.204	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	198669	18.373	ug/l	96
56) Ethyl methacrylate	10.762	69	323485	18.105	ug/l #	88
57) 1,3-Dichloropropane	11.047	76	354497	18.535	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	329522	85.370	ug/l	90
59) 2-Hexanone	11.087	43	1356874	98.385	ug/l	93
60) Dibromochloromethane	11.240	129	215890	20.463	ug/l	100
61) 1,2-Dibromoethane	11.347	107	201034	18.310	ug/l	99
64) Tetrachloroethene	10.977	164	169591	17.342	ug/l	97
65) Chlorobenzene	11.771	112	508716	17.754	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	192246	18.794	ug/l	98
67) Ethyl Benzene	11.846	91	918547	17.496	ug/l	96
68) m/p-Xylenes	11.956	106	674963	35.320	ug/l	94
69) o-Xylene	12.280	106	330551	17.390	ug/l	91
70) Styrene	12.296	104	533388	17.730	ug/l	96
71) Bromoform	12.460	173	166884	21.983	ug/l #	99
73) Isopropylbenzene	12.581	105	856629	17.657	ug/l	98
74) N-amyl acetate	12.390	43	362510	17.771	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	321317	19.201	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	319288m	22.249	ug/l	
77) Bromobenzene	12.862	156	199579	17.918	ug/l	77
78) n-propylbenzene	12.921	91	941983	17.524	ug/l	96
79) 2-Chlorotoluene	13.007	91	597201	17.315	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	698961	17.978	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	85364	19.963	ug/l	96
82) 4-Chlorotoluene	13.106	91	551798	17.079	ug/l	92
83) tert-Butylbenzene	13.323	119	591394	17.275	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	675760	18.050	ug/l	98
85) sec-Butylbenzene	13.503	105	802481	17.266	ug/l	98
86) p-Isopropyltoluene	13.616	119	624334	17.100	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	322365	17.289	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	309736	16.840	ug/l	97
89) n-Butylbenzene	13.943	91	463737	15.228	ug/l	98
90) Hexachloroethane	14.211	117	138514	21.838	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	319826	17.496	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	58643	20.866	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	137817	16.001	ug/l	99
94) Hexachlorobutadiene	15.370	225	87980	17.576	ug/l	99
95) Naphthalene	15.507	128	369004	16.742	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	138894	17.407	ug/l	98

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

