

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075556.D
 Acq On : 05 Dec 2022 14:07
 Operator : JC\MD
 Sample : VN1205MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

Quant Time: Dec 06 03:24:29 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	160898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	229991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	43045	49.839	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.680%		
35) Dibromofluoromethane	8.171	113	54066	53.614	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.220%		
50) Toluene-d8	10.571	98	116882	51.461	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.920%		
62) 4-Bromofluorobenzene	12.853	95	86979	51.883	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	21669	17.612	ug/l	96
3) Chloromethane	2.371	50	27220	17.781	ug/l	100
4) Vinyl Chloride	2.524	62	33608	17.419	ug/l	100
5) Bromomethane	2.936	94	32120	18.932	ug/l	100
6) Chloroethane	3.112	64	26227	17.940	ug/l	98
7) Trichlorofluoromethane	3.501	101	48459	17.581	ug/l	100
8) Diethyl Ether	3.971	74	19385	20.066	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	29668	19.498	ug/l	92
10) Methyl Iodide	4.600	142	44276	17.957	ug/l	97
11) Tert butyl alcohol	5.536	59	26724	73.709	ug/l #	88
12) 1,1-Dichloroethene	4.348	96	25976	17.434	ug/l	97
13) Acrolein	4.195	56	22792	72.161	ug/l	97
14) Allyl chloride	5.036	41	36021	18.690	ug/l	97
15) Acrylonitrile	5.730	53	74250	89.262	ug/l	97
16) Acetone	4.442	43	62365	77.414	ug/l	98
17) Carbon Disulfide	4.718	76	64167	16.571	ug/l	97
18) Methyl Acetate	5.036	43	40174	18.978	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	101633	19.255	ug/l	98
20) Methylene Chloride	5.289	84	34178	20.158	ug/l	89
21) trans-1,2-Dichloroethene	5.795	96	29087	17.129	ug/l	95
22) Diisopropyl ether	6.683	45	89257	20.294	ug/l	97
23) Vinyl Acetate	6.612	43	327170m	93.503	ug/l	
24) 1,1-Dichloroethane	6.577	63	54165	19.187	ug/l	98
25) 2-Butanone	7.489	43	94094	83.660	ug/l	99
26) 2,2-Dichloropropane	7.500	77	45512	17.346	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	38508	20.055	ug/l	94
28) Bromochloromethane	7.824	49	24699	21.554	ug/l	89
29) Tetrahydrofuran	7.847	42	60781	88.844	ug/l	99
30) Chloroform	7.971	83	61137	18.858	ug/l	99
31) Cyclohexane	8.259	56	47883	17.450	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	54378	18.473	ug/l	96
36) 1,1-Dichloropropene	8.377	75	41704	18.964	ug/l	99
37) Ethyl Acetate	7.565	43	35178	17.765	ug/l	98
38) Carbon Tetrachloride	8.365	117	49654	20.554	ug/l	98
39) Methylcyclohexane	9.606	83	53237	19.342	ug/l	100
40) Benzene	8.612	78	131817	19.577	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	19969	19.725	ug/l	97
42) 1,2-Dichloroethane	8.677	62	46562	20.648	ug/l	97
43) Isopropyl Acetate	8.694	43	62630	19.705	ug/l	98
44) Trichloroethene	9.359	130	37159	20.169	ug/l	88
45) 1,2-Dichloropropane	9.624	63	33094	20.625	ug/l	97
46) Dibromomethane	9.712	93	24756	20.398	ug/l	92
47) Bromodichloromethane	9.888	83	50310	21.406	ug/l	94
48) Methyl methacrylate	9.682	41	28590	19.453	ug/l	97
49) 1,4-Dioxane	9.700	88	14378	344.525	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	199186	98.392	ug/l	99
52) Toluene	10.635	92	87275	20.114	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	50101	21.234	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	53928	21.044	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	34682	19.625	ug/l	97
56) Ethyl methacrylate	10.877	69	48821	20.456	ug/l	98
57) 1,3-Dichloropropane	11.165	76	57511	19.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	86884	100.942	ug/l	98
59) 2-Hexanone	11.200	43	142205	93.547	ug/l	100
60) Dibromochloromethane	11.359	129	41174	22.699	ug/l	100
61) 1,2-Dibromoethane	11.471	107	36314	19.798	ug/l	100
64) Tetrachloroethene	11.106	164	31947	18.190	ug/l	93
65) Chlorobenzene	11.894	112	94301	19.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	37959	21.413	ug/l	97
67) Ethyl Benzene	11.965	91	163183	20.138	ug/l	94
68) m/p-Xylenes	12.076	106	131796	40.052	ug/l	100
69) o-Xylene	12.400	106	65595	20.063	ug/l	97
70) Styrene	12.418	104	106856	20.718	ug/l	99
71) Bromoform	12.582	173	30193	22.379	ug/l #	99
73) Isopropylbenzene	12.700	105	169207	19.599	ug/l	98
74) N-amyl acetate	12.500	43	52015	19.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	52755	20.042	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	46188m	20.672	ug/l	
77) Bromobenzene	12.982	156	40798	19.141	ug/l	87
78) n-propylbenzene	13.041	91	188447	19.558	ug/l	98
79) 2-Chlorotoluene	13.129	91	114455	19.715	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	145984	20.352	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	14736	19.514	ug/l	92
82) 4-Chlorotoluene	13.129	91	114455	19.715	ug/l	96
83) tert-Butylbenzene	13.441	119	129604	19.817	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	145834	20.269	ug/l	98
85) sec-Butylbenzene	13.618	105	180225	20.310	ug/l	99
86) p-Isopropyltoluene	13.735	119	153615	20.575	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	80339	19.894	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	78752	19.197	ug/l	99
89) n-Butylbenzene	14.059	91	120203	19.063	ug/l	99
90) Hexachloroethane	14.335	117	27825	21.604	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	82208	20.884	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9679	19.412	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	40491	20.072	ug/l	99
94) Hexachlorobutadiene	15.506	225	22872	21.767	ug/l	95
95) Naphthalene	15.647	128	121945	19.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	39998	20.174	ug/l	98

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

