

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075709.D
 Acq On : 12 Dec 2022 13:41
 Operator : JC\MD
 Sample : VN1212MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

Quant Time: Dec 13 01:32:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	205530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	328406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	298691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	110644	50.737	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.480%			
35) Dibromofluoromethane	8.171	113	99580	49.699	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.400%			
50) Toluene-d8	10.571	98	382834	50.878	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.853	95	131511	51.118	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	28935	19.141	ug/l	99
3) Chloromethane	2.377	50	33566	18.637	ug/l	92
4) Vinyl Chloride	2.524	62	41018	18.541	ug/l	96
5) Bromomethane	2.953	94	35067	18.611	ug/l	90
6) Chloroethane	3.124	64	31618	19.155	ug/l	100
7) Trichlorofluoromethane	3.506	101	62519	19.477	ug/l	98
8) Diethyl Ether	3.971	74	23764	20.251	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	36308	19.274	ug/l	99
10) Methyl Iodide	4.595	142	59566	19.350	ug/l	99
11) Tert butyl alcohol	5.536	59	30151	93.459	ug/l	99
12) 1,1-Dichloroethene	4.353	96	34873	19.806	ug/l	97
13) Acrolein	4.189	56	45773	123.192	ug/l	99
14) Allyl chloride	5.030	41	43851	19.999	ug/l	93
15) Acrylonitrile	5.730	53	83933	100.722	ug/l	100
16) Acetone	4.436	43	74474	100.843	ug/l	96
17) Carbon Disulfide	4.724	76	87863	18.859	ug/l	98
18) Methyl Acetate	5.042	43	43605	18.375	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	122413	20.668	ug/l	99
20) Methylene Chloride	5.294	84	42144	19.142	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	38671	19.653	ug/l	92
22) Diisopropyl ether	6.683	45	105942	21.236	ug/l	98
23) Vinyl Acetate	6.612	43	396504m	104.229	ug/l	
24) 1,1-Dichloroethane	6.583	63	65507	19.948	ug/l	99
25) 2-Butanone	7.494	43	105814	98.012	ug/l	93
26) 2,2-Dichloropropane	7.500	77	56138	20.044	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	47374	19.832	ug/l	99
28) Bromochloromethane	7.818	49	25636	19.525	ug/l	99
29) Tetrahydrofuran	7.847	42	67091	100.823	ug/l	99
30) Chloroform	7.971	83	73674	20.255	ug/l	97
31) Cyclohexane	8.259	56	59785	18.516	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	67601	20.144	ug/l	98
36) 1,1-Dichloropropene	8.377	75	52652	19.790	ug/l	98
37) Ethyl Acetate	7.565	43	41481	19.419	ug/l	99
38) Carbon Tetrachloride	8.365	117	61902	20.163	ug/l	99
39) Methylcyclohexane	9.606	83	69734	20.670	ug/l	96
40) Benzene	8.612	78	167551	20.521	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	22519	20.559	ug/l	98
42) 1,2-Dichloroethane	8.677	62	53453	19.570	ug/l	99
43) Isopropyl Acetate	8.694	43	72583	20.353	ug/l	99
44) Trichloroethene	9.359	130	46193	20.054	ug/l	97
45) 1,2-Dichloropropane	9.624	63	39344	20.260	ug/l	98
46) Dibromomethane	9.712	93	31195	21.396	ug/l	96
47) Bromodichloromethane	9.888	83	59593	20.847	ug/l	94
48) Methyl methacrylate	9.682	41	33683	20.508	ug/l	99
49) 1,4-Dioxane	9.700	88	16319	408.739	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	221278	100.629	ug/l	100
52) Toluene	10.629	92	108610	20.125	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	59202	20.969	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	64945	20.676	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	44115	20.790	ug/l	97
56) Ethyl methacrylate	10.876	69	57813	20.107	ug/l	98
57) 1,3-Dichloropropane	11.165	76	71371	20.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	81114	95.548	ug/l	99
59) 2-Hexanone	11.200	43	162930	101.986	ug/l	100
60) Dibromochloromethane	11.359	129	48713	20.862	ug/l	99
61) 1,2-Dibromoethane	11.471	107	44332	19.941	ug/l	98
64) Tetrachloroethene	11.106	164	41207	18.940	ug/l	95
65) Chlorobenzene	11.894	112	120043	19.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	44639	19.964	ug/l	97
67) Ethyl Benzene	11.965	91	207004	19.911	ug/l	99
68) m/p-Xylenes	12.076	106	171277	40.772	ug/l	99
69) o-Xylene	12.400	106	84346	20.691	ug/l	99
70) Styrene	12.412	104	135685	20.753	ug/l	99
71) Bromoform	12.582	173	35221	20.781	ug/l #	100
73) Isopropylbenzene	12.700	105	216411	19.661	ug/l	100
74) N-amyl acetate	12.500	43	62193	19.446	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	61240	18.521	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	53995m	17.538	ug/l	
77) Bromobenzene	12.982	156	53883	19.466	ug/l	98
78) n-propylbenzene	13.041	91	244463	20.014	ug/l	100
79) 2-Chlorotoluene	13.129	91	146500	19.428	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	183859	19.979	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16072	18.781	ug/l #	85
82) 4-Chlorotoluene	13.129	91	146500	19.428	ug/l	100
83) tert-Butylbenzene	13.441	119	168213	20.156	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	186434	20.157	ug/l	100
85) sec-Butylbenzene	13.617	105	231056	20.139	ug/l	99
86) p-Isopropyltoluene	13.735	119	195629	20.379	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	99638	19.247	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	99348	18.867	ug/l	99
89) n-Butylbenzene	14.059	91	153866	19.998	ug/l	98
90) Hexachloroethane	14.341	117	32604	19.829	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	100577	19.525	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10609	19.526	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	48858	19.755	ug/l	98
94) Hexachlorobutadiene	15.506	225	27561	19.642	ug/l	100
95) Naphthalene	15.647	128	137624	18.828	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	46901	19.300	ug/l	100

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

