

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081372.D
 Acq On : 12 Mar 2024 14:47
 Operator : JC\MD
 Sample : VN0312MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

Quant Time: Mar 13 04:51:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	352954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	640073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	557145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	247366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	226453	44.374	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.740%		
35) Dibromofluoromethane	8.165	113	173879	44.340	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.680%		
50) Toluene-d8	10.565	98	651436	44.438	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.880%		
62) 4-Bromofluorobenzene	12.853	95	217287	41.937	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	83.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	93339	19.949	ug/l	93
3) Chloromethane	2.359	50	84912	16.801	ug/l	98
4) Vinyl Chloride	2.512	62	93694	17.771	ug/l	94
5) Bromomethane	2.959	94	59017	16.760	ug/l	97
6) Chloroethane	3.130	64	60697	16.762	ug/l #	86
7) Trichlorofluoromethane	3.500	101	139736	17.916	ug/l	96
8) Diethyl Ether	3.965	74	48394	17.611	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	81363	18.319	ug/l	93
10) Methyl Iodide	4.595	142	76071	18.716	ug/l	95
11) Tert butyl alcohol	5.518	59	69269	77.625	ug/l	99
12) 1,1-Dichloroethene	4.336	96	72854	17.712	ug/l	93
13) Acrolein	4.183	56	63075	59.693	ug/l	96
14) Allyl chloride	5.018	41	120226	19.695	ug/l	97
15) Acrylonitrile	5.724	53	188814	80.994	ug/l	96
16) Acetone	4.430	43	136818	75.668	ug/l	95
17) Carbon Disulfide	4.712	76	186017	15.845	ug/l	99
18) Methyl Acetate	5.024	43	101631	19.632	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	245318	17.585	ug/l	99
20) Methylene Chloride	5.277	84	81775	17.787	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	80118	17.276	ug/l	89
22) Diisopropyl ether	6.671	45	253521	18.699	ug/l #	95
23) Vinyl Acetate	6.600	43	972699	88.310	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	149425	18.004	ug/l	98
25) 2-Butanone	7.483	43	248688	82.128	ug/l	91
26) 2,2-Dichloropropane	7.488	77	137424	18.735	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	91464	17.396	ug/l	92
28) Bromochloromethane	7.812	49	64849	18.261	ug/l #	72
29) Tetrahydrofuran	7.841	42	165258	80.035	ug/l #	88
30) Chloroform	7.965	83	161396	18.739	ug/l	95
31) Cyclohexane	8.259	56	133304	17.253	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	141773	18.623	ug/l	94
36) 1,1-Dichloropropene	8.371	75	117241	18.531	ug/l	96
37) Ethyl Acetate	7.559	43	104354	16.874	ug/l	100
38) Carbon Tetrachloride	8.365	117	118723	18.646	ug/l	98
39) Methylcyclohexane	9.600	83	128458	17.643	ug/l	91
40) Benzene	8.606	78	344673	18.252	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	59154	16.937	ug/l	97
42) 1,2-Dichloroethane	8.671	62	121035	18.178	ug/l	99
43) Isopropyl Acetate	8.688	43	178527	16.493	ug/l	96
44) Trichloroethene	9.353	130	87927	18.461	ug/l	89
45) 1,2-Dichloropropane	9.624	63	87408	18.425	ug/l	99
46) Dibromomethane	9.712	93	61014	18.247	ug/l	91
47) Bromodichloromethane	9.888	83	120997	18.640	ug/l #	93
48) Methyl methacrylate	9.682	41	84752	17.713	ug/l	95
49) 1,4-Dioxane	9.694	88	33521	317.854	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	545784	86.835	ug/l	97
52) Toluene	10.629	92	207708	18.208	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	128957	18.361	ug/l	92
54) cis-1,3-Dichloropropene	10.312	75	140840	18.576	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	82873	18.320	ug/l	91
56) Ethyl methacrylate	10.876	69	118254	18.205	ug/l	89
57) 1,3-Dichloropropane	11.165	76	141496	17.922	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	277333	79.371	ug/l #	89
59) 2-Hexanone	11.194	43	402617	85.685	ug/l	100
60) Dibromochloromethane	11.359	129	83556	17.935	ug/l	100
61) 1,2-Dibromoethane	11.471	107	80277	17.103	ug/l	96
64) Tetrachloroethene	11.106	164	83442	19.127	ug/l	92
65) Chlorobenzene	11.894	112	218646	18.623	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	78721	18.324	ug/l	98
67) Ethyl Benzene	11.965	91	391409	18.508	ug/l	96
68) m/p-Xylenes	12.070	106	293136	36.830	ug/l	97
69) o-Xylene	12.400	106	140343	18.194	ug/l	97
70) Styrene	12.412	104	230942	18.893	ug/l	98
71) Bromoform	12.576	173	52360	17.555	ug/l #	96
73) Isopropylbenzene	12.700	105	374792	18.763	ug/l	98
74) N-amyl acetate	12.494	43	147422	17.590	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	102358	16.605	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	97463m	16.681	ug/l	
77) Bromobenzene	12.982	156	81807	17.274	ug/l	80
78) n-propylbenzene	13.035	91	452527	19.154	ug/l	97
79) 2-Chlorotoluene	13.123	91	262764	18.195	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	314896	19.071	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	42638	20.366	ug/l	98
82) 4-Chlorotoluene	13.223	91	263469	18.471	ug/l	94
83) tert-Butylbenzene	13.441	119	262152	18.519	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	313869	18.762	ug/l	94
85) sec-Butylbenzene	13.617	105	384343	18.768	ug/l	95
86) p-Isopropyltoluene	13.729	119	317764	19.348	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	159052	17.786	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	158831	17.770	ug/l	99
89) n-Butylbenzene	14.059	91	284661	18.900	ug/l	98
90) Hexachloroethane	14.335	117	54198	18.849	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	152523	17.777	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22616	17.144	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	87984	19.185	ug/l	97
94) Hexachlorobutadiene	15.506	225	31761	16.760	ug/l	95
95) Naphthalene	15.641	128	300923	18.440	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	87547	18.824	ug/l	97

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

