

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081489.D
 Acq On : 20 Mar 2024 13:14
 Operator : JC\MD
 Sample : VN0320MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024

Quant Time: Mar 21 01:17:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	465289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	801022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	698668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	313643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	297037	50.060	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	8.165	113	256589	50.757	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	10.565	98	934454	51.135	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.280%			
62) 4-Bromofluorobenzene	12.847	95	317681	49.336	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108977	17.394	ug/l	100
3) Chloromethane	2.359	50	108291	17.360	ug/l	98
4) Vinyl Chloride	2.518	62	120260	17.179	ug/l	89
5) Bromomethane	2.965	94	87798	17.734	ug/l	96
6) Chloroethane	3.124	64	78627	16.358	ug/l	95
7) Trichlorofluoromethane	3.506	101	192969	18.496	ug/l	93
8) Diethyl Ether	3.953	74	66550	19.274	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	108052	18.227	ug/l	89
10) Methyl Iodide	4.589	142	106046	17.963	ug/l	94
11) Tert butyl alcohol	5.512	59	91923	88.896	ug/l	99
12) 1,1-Dichloroethene	4.347	96	99916	18.196	ug/l	82
13) Acrolein	4.177	56	108355	116.777	ug/l	98
14) Allyl chloride	5.024	41	126518	18.387	ug/l #	86
15) Acrylonitrile	5.712	53	241637	87.349	ug/l	97
16) Acetone	4.418	43	159040	82.936	ug/l	94
17) Carbon Disulfide	4.712	76	266796	16.931	ug/l	97
18) Methyl Acetate	5.024	43	111539	18.867	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	328161	19.096	ug/l	94
20) Methylene Chloride	5.277	84	116492	18.545	ug/l	85
21) trans-1,2-Dichloroethene	5.789	96	108637	17.744	ug/l	86
22) Diisopropyl ether	6.665	45	310164	19.400	ug/l #	89
23) Vinyl Acetate	6.600	43	1187954	93.350	ug/l #	91
24) 1,1-Dichloroethane	6.559	63	194418	18.156	ug/l	97
25) 2-Butanone	7.477	43	287081	87.282	ug/l #	89
26) 2,2-Dichloropropane	7.483	77	179528	19.330	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	131986	19.053	ug/l	84
28) Bromochloromethane	7.812	49	74083	16.985	ug/l #	51
29) Tetrahydrofuran	7.835	42	200651	90.556	ug/l #	80
30) Chloroform	7.965	83	213331	18.610	ug/l	98
31) Cyclohexane	8.259	56	172074	17.821	ug/l #	78
32) 1,1,1-Trichloroethane	8.165	97	196587	18.902	ug/l #	87
36) 1,1-Dichloropropene	8.371	75	159139	18.706	ug/l	96
37) Ethyl Acetate	7.559	43	129555	17.784	ug/l	98
38) Carbon Tetrachloride	8.359	117	166053	17.818	ug/l	96
39) Methylcyclohexane	9.600	83	180430	18.992	ug/l	87
40) Benzene	8.606	78	465438	18.713	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	70003	18.171	ug/l	91
42) 1,2-Dichloroethane	8.671	62	160860	18.378	ug/l	98
43) Isopropyl Acetate	8.688	43	218560	18.100	ug/l #	92
44) Trichloroethene	9.353	130	126616	18.100	ug/l	89
45) 1,2-Dichloropropane	9.618	63	117101	19.427	ug/l	94
46) Dibromomethane	9.712	93	81030	17.701	ug/l #	86
47) Bromodichloromethane	9.888	83	165574	18.500	ug/l #	98
48) Methyl methacrylate	9.677	41	99360	17.839	ug/l #	83
49) 1,4-Dioxane	9.694	88	45180	337.546	ug/l #	83
51) 4-Methyl-2-Pentanone	10.441	43	643355	87.313	ug/l	91
52) Toluene	10.629	92	291536	18.442	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	175776	18.188	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	188451	18.187	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	113461	17.834	ug/l	91
56) Ethyl methacrylate	10.876	69	164320	18.883	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	197062	18.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	406733	101.604	ug/l #	84
59) 2-Hexanone	11.194	43	484144	88.871	ug/l	92
60) Dibromochloromethane	11.359	129	126273	18.048	ug/l	98
61) 1,2-Dibromoethane	11.471	107	118145	18.215	ug/l	100
64) Tetrachloroethene	11.106	164	126053	18.875	ug/l	92
65) Chlorobenzene	11.888	112	309894	18.763	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	115428	18.856	ug/l	96
67) Ethyl Benzene	11.965	91	547736	19.091	ug/l	100
68) m/p-Xylenes	12.076	106	430053	39.984	ug/l	93
69) o-Xylene	12.400	106	201365	19.070	ug/l	99
70) Styrene	12.412	104	335423	19.696	ug/l	96
71) Bromoform	12.576	173	83705	18.197	ug/l #	100
73) Isopropylbenzene	12.694	105	543896	20.344	ug/l	97
74) N-amyl acetate	12.494	43	185714	19.195	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	141859	18.047	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	139892m	18.646	ug/l	
77) Bromobenzene	12.982	156	125823	19.052	ug/l	70
78) n-propylbenzene	13.035	91	632722	20.040	ug/l	95
79) 2-Chlorotoluene	13.129	91	366810	19.411	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	455216	20.615	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	59429	21.406	ug/l	97
82) 4-Chlorotoluene	13.223	91	365111	19.597	ug/l	95
83) tert-Butylbenzene	13.441	119	385373	20.238	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	450017	20.277	ug/l	95
85) sec-Butylbenzene	13.617	105	545636	20.044	ug/l	93
86) p-Isopropyltoluene	13.729	119	460093	20.677	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	233881	19.275	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	234757	18.684	ug/l	98
89) n-Butylbenzene	14.059	91	382348	19.378	ug/l	97
90) Hexachloroethane	14.335	117	81314	19.295	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	222731	19.071	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28786	17.208	ug/l	63
93) 1,2,4-Trichlorobenzene	15.394	180	124267	18.402	ug/l	98
94) Hexachlorobutadiene	15.506	225	52970	17.878	ug/l	96
95) Naphthalene	15.647	128	404210	18.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	123012	18.110	ug/l	96

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

