

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081942.D
 Acq On : 30 Apr 2024 19:40
 Operator : JC\MD
 Sample : VN0430MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 06:03:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	225166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	441222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	370806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	175698	46.234	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.460%		
35) Dibromofluoromethane	8.171	113	133406	50.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.440%		
50) Toluene-d8	10.571	98	555328	53.226	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.460%		
62) 4-Bromofluorobenzene	12.847	95	187348	45.425	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	90.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52213	16.519	ug/l	95
3) Chloromethane	2.359	50	56175	17.036	ug/l	98
4) Vinyl Chloride	2.512	62	53820	18.031	ug/l	99
5) Bromomethane	2.959	94	23242	14.683	ug/l	98
6) Chloroethane	3.124	64	29500	19.554	ug/l	100
7) Trichlorofluoromethane	3.500	101	75847	16.427	ug/l	96
8) Diethyl Ether	3.965	74	36711	18.717	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	49647	18.520	ug/l	96
10) Methyl Iodide	4.595	142	48139	20.503	ug/l	98
11) Tert butyl alcohol	5.518	59	57936	83.863	ug/l #	86
12) 1,1-Dichloroethene	4.347	96	51447	18.865	ug/l	91
13) Acrolein	4.189	56	38990	66.989	ug/l	97
14) Allyl chloride	5.024	41	85441	14.811	ug/l	91
15) Acrylonitrile	5.718	53	141742	85.444	ug/l	99
16) Acetone	4.424	43	101846	87.066	ug/l	96
17) Carbon Disulfide	4.712	76	130713	15.947	ug/l	98
18) Methyl Acetate	5.024	43	68978	17.920	ug/l	90
19) Methyl tert-butyl Ether	5.794	73	182784	17.762	ug/l	94
20) Methylene Chloride	5.283	84	57198	17.563	ug/l #	85
21) trans-1,2-Dichloroethene	5.783	96	51701	17.387	ug/l	95
22) Diisopropyl ether	6.677	45	196797	17.630	ug/l #	90
23) Vinyl Acetate	6.600	43	754987	83.242	ug/l	94
24) 1,1-Dichloroethane	6.565	63	107249	18.459	ug/l	97
25) 2-Butanone	7.488	43	182094	84.424	ug/l	94
26) 2,2-Dichloropropane	7.488	77	80327	15.029	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	65893	18.964	ug/l	92
28) Bromochloromethane	7.812	49	38487	13.938	ug/l	83
29) Tetrahydrofuran	7.841	42	124328	80.381	ug/l	93
30) Chloroform	7.965	83	99396	17.259	ug/l	99
31) Cyclohexane	8.259	56	94492	16.506	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	83589	16.276	ug/l	93
36) 1,1-Dichloropropene	8.371	75	69890	16.171	ug/l	99
37) Ethyl Acetate	7.559	43	76557	16.383	ug/l	98
38) Carbon Tetrachloride	8.365	117	63879	15.123	ug/l	95
39) Methylcyclohexane	9.606	83	87086	16.592	ug/l	100
40) Benzene	8.606	78	235169	18.126	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	44845	15.040	ug/l	95
42) 1,2-Dichloroethane	8.671	62	75634	15.699	ug/l	96
43) Isopropyl Acetate	8.688	43	169614	19.304	ug/l #	89
44) Trichloroethene	9.353	130	53507	17.888	ug/l	88
45) 1,2-Dichloropropane	9.624	63	61453	18.099	ug/l	98
46) Dibromomethane	9.712	93	37715	16.071	ug/l	92
47) Bromodichloromethane	9.894	83	79819	16.127	ug/l #	92
48) Methyl methacrylate	9.682	41	65680	15.659	ug/l	89
49) 1,4-Dioxane	9.694	88	22855	358.502	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	409447	82.781	ug/l	95
52) Toluene	10.629	92	145180	18.686	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	85725	15.918	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	91419	16.471	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	52393	17.146	ug/l	93
56) Ethyl methacrylate	10.876	69	94613	16.261	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	97650	17.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	211449	79.773	ug/l	91
59) 2-Hexanone	11.194	43	308335	83.765	ug/l	96
60) Dibromochloromethane	11.359	129	56101	17.334	ug/l	98
61) 1,2-Dibromoethane	11.471	107	51828	17.737	ug/l	98
64) Tetrachloroethene	11.106	164	44666	16.585	ug/l	96
65) Chlorobenzene	11.894	112	150413	18.575	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	47370	18.000	ug/l	95
67) Ethyl Benzene	11.965	91	268338	17.819	ug/l	96
68) m/p-Xylenes	12.070	106	199080	37.061	ug/l	97
69) o-Xylene	12.400	106	101436	19.342	ug/l	98
70) Styrene	12.412	104	163280	17.998	ug/l	96
71) Bromoform	12.582	173	33698	16.287	ug/l #	94
73) Isopropylbenzene	12.694	105	247853	18.050	ug/l	99
74) N-amyl acetate	12.494	43	131341	17.180	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	71468	17.331	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	64955m	16.221	ug/l	
77) Bromobenzene	12.982	156	52613	18.310	ug/l	77
78) n-propylbenzene	13.035	91	291694	17.488	ug/l	98
79) 2-Chlorotoluene	13.123	91	177316	16.709	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	201212	17.316	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	32349	16.553	ug/l #	92
82) 4-Chlorotoluene	13.223	91	169558	16.457	ug/l	96
83) tert-Butylbenzene	13.435	119	168628	17.426	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	203826	17.565	ug/l	94
85) sec-Butylbenzene	13.617	105	242248	17.772	ug/l	96
86) p-Isopropyltoluene	13.729	119	195737	17.884	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	94958	17.710	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	95786	18.142	ug/l	94
89) n-Butylbenzene	14.059	91	173050	16.987	ug/l	97
90) Hexachloroethane	14.335	117	37251	17.302	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	94141	18.316	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15384	15.324	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	47292	16.446	ug/l	95
94) Hexachlorobutadiene	15.506	225	17777	16.773	ug/l	93
95) Naphthalene	15.641	128	190652	17.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	46519	16.850	ug/l	91

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

