

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
 Data File : VN081743.D
 Acq On : 15 Apr 2024 17:33
 Operator : JC\MD
 Sample : VN0415MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/16/2024
 Supervised By : Semsettin Yesilyurt 04/16/2024

Quant Time: Apr 15 23:29:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	254696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	453828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	451597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162679	45.390	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.780%		
35) Dibromofluoromethane	8.165	113	130659	43.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.200%		
50) Toluene-d8	10.571	98	524077	47.470	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.940%		
62) 4-Bromofluorobenzene	12.853	95	199997	53.011	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	106.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	61733	19.139	ug/l	100
3) Chloromethane	2.359	50	57165	19.227	ug/l	94
4) Vinyl Chloride	2.518	62	71027	17.992	ug/l	99
5) Bromomethane	2.959	94	41860	17.550	ug/l	96
6) Chloroethane	3.118	64	46674	18.357	ug/l	97
7) Trichlorofluoromethane	3.501	101	90847	17.821	ug/l	94
8) Diethyl Ether	3.965	74	27712	15.486	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	51396	16.097	ug/l	98
10) Methyl Iodide	4.589	142	31503	18.382	ug/l	94
11) Tert butyl alcohol	5.518	59	38465	78.678	ug/l	98
12) 1,1-Dichloroethene	4.342	96	46034	15.212	ug/l	95
13) Acrolein	4.183	56	38866	74.782	ug/l	99
14) Allyl chloride	5.030	41	65788	17.130	ug/l	91
15) Acrylonitrile	5.718	53	111059	82.315	ug/l	99
16) Acetone	4.424	43	78750	78.946	ug/l	99
17) Carbon Disulfide	4.706	76	135232	15.375	ug/l	96
18) Methyl Acetate	5.024	43	45852	16.434	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	147371	16.732	ug/l	97
20) Methylene Chloride	5.283	84	53693	16.789	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	49012	16.126	ug/l	94
22) Diisopropyl ether	6.671	45	141765	16.963	ug/l	96
23) Vinyl Acetate	6.606	43	550726	84.421	ug/l	100
24) 1,1-Dichloroethane	6.565	63	90147	16.394	ug/l	97
25) 2-Butanone	7.483	43	133195	80.998	ug/l	97
26) 2,2-Dichloropropane	7.494	77	83225	17.363	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	62565	16.827	ug/l	99
28) Bromochloromethane	7.812	49	37669	16.046	ug/l	97
29) Tetrahydrofuran	7.841	42	93113	87.521	ug/l	99
30) Chloroform	7.965	83	101011	16.200	ug/l	96
31) Cyclohexane	8.259	56	81135	16.503	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	92944	16.810	ug/l	95
36) 1,1-Dichloropropene	8.377	75	69091	16.547	ug/l	99
37) Ethyl Acetate	7.565	43	59521	17.348	ug/l	95
38) Carbon Tetrachloride	8.359	117	80876	16.649	ug/l	95
39) Methylcyclohexane	9.600	83	89950	18.286	ug/l	94
40) Benzene	8.606	78	220445	16.949	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	31226	16.766	ug/l	93
42) 1,2-Dichloroethane	8.671	62	76459	16.864	ug/l	99
43) Isopropyl Acetate	8.688	43	104654	16.350	ug/l	99
44) Trichloroethene	9.353	130	56904	16.824	ug/l	90
45) 1,2-Dichloropropane	9.624	63	51761	17.261	ug/l	96
46) Dibromomethane	9.712	93	41975	16.771	ug/l	95
47) Bromodichloromethane	9.894	83	80558	16.850	ug/l	98
48) Methyl methacrylate	9.688	41	47136	18.067	ug/l	96
49) 1,4-Dioxane	9.694	88	21870	334.239	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	325455	91.414	ug/l	99
52) Toluene	10.630	92	152194	18.422	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	83591	17.551	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	88918	17.526	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	59352	19.124	ug/l	94
56) Ethyl methacrylate	10.877	69	87680	20.533	ug/l	99
57) 1,3-Dichloropropane	11.165	76	94463	18.184	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	135241	59.856	ug/l	99
59) 2-Hexanone	11.194	43	251664	97.647	ug/l	100
60) Dibromochloromethane	11.359	129	64592	17.219	ug/l	96
61) 1,2-Dibromoethane	11.471	107	58226	17.986	ug/l	91
64) Tetrachloroethene	11.106	164	60324	15.744	ug/l	94
65) Chlorobenzene	11.894	112	171534	16.508	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	58530	16.511	ug/l	97
67) Ethyl Benzene	11.965	91	294277	17.991	ug/l	97
68) m/p-Xylenes	12.071	106	231489	36.395	ug/l	99
69) o-Xylene	12.400	106	114196	18.734	ug/l	97
70) Styrene	12.412	104	185197	18.545	ug/l	96
71) Bromoform	12.582	173	44763	16.365	ug/l #	99
73) Isopropylbenzene	12.700	105	297720	17.889	ug/l	98
74) N-amyl acetate	12.494	43	106488	17.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	73911	15.116	ug/l #	98
76) 1,2,3-Trichloropropane	13.000	75	72007m	15.239	ug/l	
77) Bromobenzene	12.982	156	67553	15.921	ug/l	94
78) n-propylbenzene	13.035	91	350385	18.143	ug/l	97
79) 2-Chlorotoluene	13.123	91	205173	17.044	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	246765	18.151	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	27906	15.385	ug/l	87
82) 4-Chlorotoluene	13.223	91	194460	16.352	ug/l	97
83) tert-Butylbenzene	13.441	119	222297	18.669	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	256572	18.710	ug/l	98
85) sec-Butylbenzene	13.618	105	317881	19.131	ug/l	100
86) p-Isopropyltoluene	13.729	119	323663	23.765	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	131441	16.574	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	133384	16.494	ug/l	99
89) n-Butylbenzene	14.059	91	228568	19.195	ug/l	97
90) Hexachloroethane	14.335	117	49266	16.993	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	127921	16.666	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16406	16.618	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	78294	19.364	ug/l	91
94) Hexachlorobutadiene	15.500	225	29481	16.914	ug/l	91
95) Naphthalene	15.641	128	286575	22.184	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.841	180	79030	19.117	ug/l	95

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

