

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080391.D
 Acq On : 06 Dec 2023 17:09
 Operator : JC\MD
 Sample : VN1206MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2023
 Supervised By : Mahesh Dadoda 12/08/2023

Quant Time: Dec 07 01:03:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	214225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	298915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	165125	46.682	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.360%		
35) Dibromofluoromethane	8.165	113	122110	49.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.900%		
50) Toluene-d8	10.565	98	418337	47.472	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.940%		
62) 4-Bromofluorobenzene	12.847	95	161251	48.445	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57857	18.131	ug/l	100
3) Chloromethane	2.365	50	39897	16.630	ug/l	95
4) Vinyl Chloride	2.518	62	47007	18.515	ug/l	97
5) Bromomethane	2.959	94	28691	16.646	ug/l	84
6) Chloroethane	3.124	64	29041	17.383	ug/l	96
7) Trichlorofluoromethane	3.500	101	103300	19.504	ug/l	97
8) Diethyl Ether	3.965	74	29807	19.351	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	44784	18.500	ug/l	92
10) Methyl Iodide	4.589	142	46460	17.759	ug/l	88
11) Tert butyl alcohol	5.518	59	37009	95.143	ug/l	100
12) 1,1-Dichloroethene	4.342	96	43092	19.032	ug/l	83
13) Acrolein	4.177	56	39579	114.974	ug/l	96
14) Allyl chloride	5.024	41	50126	17.596	ug/l	91
15) Acrylonitrile	5.718	53	97851	93.706	ug/l	98
16) Acetone	4.430	43	84145	70.826	ug/l	89
17) Carbon Disulfide	4.718	76	111510	16.494	ug/l	100
18) Methyl Acetate	5.030	43	71682	18.779	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	160978	20.132	ug/l	99
20) Methylene Chloride	5.283	84	51496	20.698	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	47485	19.090	ug/l	97
22) Diisopropyl ether	6.677	45	120948	19.190	ug/l	94
23) Vinyl Acetate	6.606	43	347330	91.667	ug/l	93
24) 1,1-Dichloroethane	6.571	63	86644	18.875	ug/l	97
25) 2-Butanone	7.488	43	111758	79.174	ug/l	96
26) 2,2-Dichloropropane	7.494	77	87559	19.226	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	54560	19.347	ug/l	86
28) Bromochloromethane	7.818	49	32144	17.812	ug/l	95
29) Tetrahydrofuran	7.841	42	72638	95.850	ug/l	93
30) Chloroform	7.965	83	104838	20.433	ug/l	92
31) Cyclohexane	8.259	56	68662	17.849	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	100928	20.171	ug/l	97
36) 1,1-Dichloropropene	8.371	75	70056	19.794	ug/l	97
37) Ethyl Acetate	7.559	43	46549	18.961	ug/l	96
38) Carbon Tetrachloride	8.365	117	91612	20.397	ug/l	99
39) Methylcyclohexane	9.600	83	62784	18.398	ug/l	95
40) Benzene	8.606	78	199614	19.844	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26940	19.982	ug/l	94
42) 1,2-Dichloroethane	8.671	62	85122	20.684	ug/l	96
43) Isopropyl Acetate	8.688	43	93166	19.501	ug/l	96
44) Trichloroethene	9.353	130	51621	19.564	ug/l	99
45) 1,2-Dichloropropane	9.624	63	47378	20.267	ug/l	96
46) Dibromomethane	9.712	93	35748	20.202	ug/l #	86
47) Bromodichloromethane	9.888	83	82076	21.086	ug/l	99
48) Methyl methacrylate	9.682	41	46820	19.017	ug/l	95
49) 1,4-Dioxane	9.694	88	15874	387.572	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	242388	98.000	ug/l	98
52) Toluene	10.635	92	131293	20.856	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	79629	19.911	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	83315	20.391	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	49231	20.490	ug/l	99
56) Ethyl methacrylate	10.871	69	51190	20.855	ug/l	94
57) 1,3-Dichloropropane	11.165	76	85114	20.289	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	119047	86.089	ug/l	99
59) 2-Hexanone	11.194	43	173521	87.307	ug/l	97
60) Dibromochloromethane	11.359	129	59532	20.696	ug/l	98
61) 1,2-Dibromoethane	11.471	107	51078	20.838	ug/l	96
64) Tetrachloroethene	11.106	164	43105	18.896	ug/l	98
65) Chlorobenzene	11.894	112	134727	19.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	55523	21.124	ug/l	95
67) Ethyl Benzene	11.965	91	241759	20.059	ug/l	100
68) m/p-Xylenes	12.076	106	181173	41.228	ug/l	87
69) o-Xylene	12.400	106	87731	21.184	ug/l	91
70) Styrene	12.412	104	129328	20.981	ug/l	92
71) Bromoform	12.576	173	41703	21.395	ug/l #	99
73) Isopropylbenzene	12.700	105	229580	19.979	ug/l	100
74) N-amyl acetate	12.494	43	63406	17.694	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	65144	18.941	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	62543m	17.261	ug/l	
77) Bromobenzene	12.982	156	58290	20.119	ug/l	94
78) n-propylbenzene	13.035	91	250635	19.505	ug/l	99
79) 2-Chlorotoluene	13.129	91	162887	19.517	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	197723	19.766	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	22057	20.567	ug/l #	85
82) 4-Chlorotoluene	13.223	91	166788	19.507	ug/l	97
83) tert-Butylbenzene	13.441	119	158822	19.799	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	198687	20.171	ug/l	98
85) sec-Butylbenzene	13.617	105	198829	19.593	ug/l	100
86) p-Isopropyltoluene	13.729	119	183378	20.229	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	96157	18.422	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	98870	18.848	ug/l	95
89) n-Butylbenzene	14.059	91	139519	18.388	ug/l	99
90) Hexachloroethane	14.335	117	34093	19.291	ug/l	72
91) 1,2-Dichlorobenzene	14.112	146	96149	19.249	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14725	18.432	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	48155	16.576	ug/l	97
94) Hexachlorobutadiene	15.506	225	30033	17.964	ug/l	97
95) Naphthalene	15.641	128	152281	18.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	47175	17.324	ug/l	96

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

