

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080269.D
 Acq On : 27 Nov 2023 12:41
 Operator : JC\MD
 Sample : VN1127MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 02:06:43 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	8.229	168	244976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	371767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	331296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	199250	49.259	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.520%			
35) Dibromofluoromethane	8.171	113	145112	52.900	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	10.570	98	520140	52.600	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.200%			
62) 4-Bromofluorobenzene	12.853	95	193624	51.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	72329	19.821	ug/l	95
3) Chloromethane	2.359	50	50188	18.293	ug/l	98
4) Vinyl Chloride	2.512	62	58025	19.985	ug/l	99
5) Bromomethane	2.953	94	38055	19.308	ug/l	94
6) Chloroethane	3.124	64	36409	19.194	ug/l	91
7) Trichlorofluoromethane	3.500	101	123479	20.388	ug/l	97
8) Diethyl Ether	3.965	74	32842	18.645	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	55013	19.873	ug/l	93
10) Methyl Iodide	4.589	142	59564	19.910	ug/l	89
11) Tert butyl alcohol	5.518	59	40474	90.990	ug/l	100
12) 1,1-Dichloroethene	4.341	96	51246	19.792	ug/l	86
13) Acrolein	4.183	56	33298	84.586	ug/l	97
14) Allyl chloride	5.018	41	58944	18.094	ug/l	91
15) Acrylonitrile	5.724	53	111145	93.076	ug/l	98
16) Acetone	4.424	43	108878	80.140	ug/l	97
17) Carbon Disulfide	4.712	76	130380	16.864	ug/l	97
18) Methyl Acetate	5.024	43	78383	17.956	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	182405	19.948	ug/l	99
20) Methylene Chloride	5.277	84	59117	20.778	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	56165	19.745	ug/l	86
22) Diisopropyl ether	6.671	45	143200	19.869	ug/l	96
23) Vinyl Acetate	6.600	43	464894m	107.293	ug/l	
24) 1,1-Dichloroethane	6.571	63	102631	19.551	ug/l	99
25) 2-Butanone	7.482	43	133347	82.610	ug/l	93
26) 2,2-Dichloropropane	7.488	77	106726	20.493	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	63310	19.631	ug/l	84
28) Bromochloromethane	7.818	49	37919	18.374	ug/l	94
29) Tetrahydrofuran	7.835	42	78598	90.696	ug/l	96
30) Chloroform	7.965	83	122410	20.863	ug/l	95
31) Cyclohexane	8.259	56	78264	17.791	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	120512	21.062	ug/l	99
36) 1,1-Dichloropropene	8.377	75	82003	20.648	ug/l	96
37) Ethyl Acetate	7.559	43	51300	18.622	ug/l #	92
38) Carbon Tetrachloride	8.365	117	110204	21.866	ug/l	98
39) Methylcyclohexane	9.606	83	74246	19.388	ug/l	93
40) Benzene	8.606	78	232316	20.582	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	30511	20.168	ug/l	93
42) 1,2-Dichloroethane	8.671	62	102381	22.170	ug/l	95
43) Isopropyl Acetate	8.688	43	93073	17.362	ug/l	98
44) Trichloroethene	9.353	130	65251	22.038	ug/l	92
45) 1,2-Dichloropropane	9.623	63	54110	20.628	ug/l	94
46) Dibromomethane	9.706	93	41784	21.043	ug/l	89
47) Bromodichloromethane	9.888	83	98598	22.574	ug/l	98
48) Methyl methacrylate	9.682	41	55877	20.226	ug/l	89
49) 1,4-Dioxane	9.700	88	18547	403.552	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	274634	98.953	ug/l	97
52) Toluene	10.635	92	152036	21.523	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	95198	21.213	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	98363	21.454	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	57312	21.257	ug/l	97
56) Ethyl methacrylate	10.876	69	57661	20.935	ug/l	92
57) 1,3-Dichloropropane	11.165	76	100002	21.244	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	145536	93.791	ug/l	99
59) 2-Hexanone	11.200	43	204544	91.716	ug/l	96
60) Dibromochloromethane	11.365	129	72261	22.387	ug/l	100
61) 1,2-Dibromoethane	11.470	107	57797	21.013	ug/l	96
64) Tetrachloroethene	11.106	164	65656	25.968	ug/l	96
65) Chlorobenzene	11.894	112	161505	21.514	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	66725	22.905	ug/l	95
67) Ethyl Benzene	11.965	91	288897	21.627	ug/l	94
68) m/p-Xylenes	12.070	106	217890	44.737	ug/l	89
69) o-Xylene	12.400	106	101473	22.107	ug/l	87
70) Styrene	12.412	104	152987	22.393	ug/l	91
71) Bromoform	12.576	173	48437	22.421	ug/l #	98
73) Isopropylbenzene	12.700	105	272360	21.168	ug/l	100
74) N-amyl acetate	12.494	43	70146	17.482	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	69693	18.098	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	74558m	18.378	ug/l	
77) Bromobenzene	12.982	156	67676	20.862	ug/l	97
78) n-propylbenzene	13.035	91	304723	21.179	ug/l	99
79) 2-Chlorotoluene	13.129	91	201101	21.520	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	243871	21.774	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	23415	19.500	ug/l #	79
82) 4-Chlorotoluene	13.223	91	202904	21.195	ug/l	97
83) tert-Butylbenzene	13.441	119	189728	21.124	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	240925	21.845	ug/l	96
85) sec-Butylbenzene	13.617	105	240797	21.193	ug/l	99
86) p-Isopropyltoluene	13.735	119	220613	21.735	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	123711	21.167	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	121677	20.716	ug/l	98
89) n-Butylbenzene	14.059	91	172348	20.287	ug/l	99
90) Hexachloroethane	14.335	117	38778	19.597	ug/l	66
91) 1,2-Dichlorobenzene	14.111	146	115510	20.653	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16654	18.619	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	59753	18.370	ug/l	99
94) Hexachlorobutadiene	15.500	225	37557	20.063	ug/l	93
95) Naphthalene	15.647	128	155071	16.440	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	56912	18.666	ug/l	97

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

