

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080282.D
 Acq On : 27 Nov 2023 17:59
 Operator : JC\MD
 Sample : VN1127MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 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 02:10:14 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	234275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	353156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	181481	46.916	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.840%		
35) Dibromofluoromethane	8.165	113	135253	51.904	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.800%		
50) Toluene-d8	10.571	98	484648	51.594	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.180%		
62) 4-Bromofluorobenzene	12.847	95	175797	49.547	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60401	17.308	ug/l	98
3) Chloromethane	2.359	50	41165	15.690	ug/l	99
4) Vinyl Chloride	2.512	62	46531	16.759	ug/l	94
5) Bromomethane	2.953	94	30682	16.278	ug/l	99
6) Chloroethane	3.130	64	32646	17.907	ug/l #	82
7) Trichlorofluoromethane	3.500	101	105408	18.199	ug/l	96
8) Diethyl Ether	3.959	74	28651	17.009	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	47339	17.882	ug/l	95
10) Methyl Iodide	4.595	142	48616	16.992	ug/l	90
11) Tert butyl alcohol	5.518	59	35874	84.332	ug/l #	88
12) 1,1-Dichloroethene	4.347	96	42816	17.292	ug/l	91
13) Acrolein	4.183	56	28167	74.820	ug/l	97
14) Allyl chloride	5.024	41	49513	15.893	ug/l	92
15) Acrylonitrile	5.718	53	101849	89.187	ug/l	98
16) Acetone	4.430	43	90485	69.644	ug/l	95
17) Carbon Disulfide	4.712	76	111172	15.037	ug/l	95
18) Methyl Acetate	5.030	43	75372	18.055	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	156683	17.918	ug/l	99
20) Methylene Chloride	5.277	84	52578	19.324	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	47100	17.315	ug/l #	73
22) Diisopropyl ether	6.671	45	126152	18.303	ug/l	99
23) Vinyl Acetate	6.606	43	412219m	99.482	ug/l	
24) 1,1-Dichloroethane	6.565	63	88561	17.641	ug/l	96
25) 2-Butanone	7.483	43	120275	77.915	ug/l	91
26) 2,2-Dichloropropane	7.494	77	84269	16.920	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	56223	18.230	ug/l	91
28) Bromochloromethane	7.812	49	37150	18.824	ug/l	98
29) Tetrahydrofuran	7.841	42	76720	92.573	ug/l	92
30) Chloroform	7.965	83	105655	18.830	ug/l	91
31) Cyclohexane	8.259	56	71354	16.962	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	101220	18.498	ug/l	98
36) 1,1-Dichloropropene	8.377	75	72325	19.170	ug/l	96
37) Ethyl Acetate	7.559	43	43415	16.590	ug/l #	96
38) Carbon Tetrachloride	8.365	117	95098	19.863	ug/l	94
39) Methylcyclohexane	9.600	83	61910	17.019	ug/l	90
40) Benzene	8.612	78	202952	18.928	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26991	18.781	ug/l	96
42) 1,2-Dichloroethane	8.671	62	88255	20.118	ug/l	95
43) Isopropyl Acetate	8.688	43	84536	16.600	ug/l	98
44) Trichloroethene	9.353	130	55925	19.883	ug/l	98
45) 1,2-Dichloropropane	9.624	63	48578	19.495	ug/l	90
46) Dibromomethane	9.712	93	38640	20.485	ug/l	92
47) Bromodichloromethane	9.888	83	85440	20.592	ug/l	98
48) Methyl methacrylate	9.682	41	49740	18.953	ug/l	90
49) 1,4-Dioxane	9.700	88	17339	397.149	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	258014	97.864	ug/l	97
52) Toluene	10.635	92	133603	19.910	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	80293	18.835	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	84467	19.394	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	51443	20.086	ug/l	99
56) Ethyl methacrylate	10.876	69	51933	19.849	ug/l	94
57) 1,3-Dichloropropane	11.165	76	87717	19.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	137328	93.165	ug/l	99
59) 2-Hexanone	11.194	43	187140	88.334	ug/l	97
60) Dibromochloromethane	11.359	129	62912	20.518	ug/l	98
61) 1,2-Dibromoethane	11.471	107	50573	19.356	ug/l	98
64) Tetrachloroethene	11.106	164	56020	22.594	ug/l	98
65) Chlorobenzene	11.894	112	139084	18.893	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	58014	20.307	ug/l	93
67) Ethyl Benzene	11.965	91	249783	19.068	ug/l	94
68) m/p-Xylenes	12.070	106	186795	39.109	ug/l	89
69) o-Xylene	12.400	106	88575	19.678	ug/l	87
70) Styrene	12.412	104	133479	19.923	ug/l	94
71) Bromoform	12.582	173	43882	20.713	ug/l #	98
73) Isopropylbenzene	12.700	105	231370	18.936	ug/l	100
74) N-amyl acetate	12.494	43	64176	16.842	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	65220	17.834	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	65484m	16.997	ug/l	
77) Bromobenzene	12.982	156	58696	19.053	ug/l	99
78) n-propylbenzene	13.035	91	259037	18.959	ug/l	99
79) 2-Chlorotoluene	13.129	91	169525	19.103	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	198737	18.685	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	23256	20.394	ug/l	94
82) 4-Chlorotoluene	13.223	91	171052	18.815	ug/l	98
83) tert-Butylbenzene	13.441	119	158864	18.625	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	204153	19.493	ug/l	94
85) sec-Butylbenzene	13.617	105	202538	18.771	ug/l	100
86) p-Isopropyltoluene	13.735	119	183374	19.024	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	100826	18.166	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	100945	18.098	ug/l	96
89) n-Butylbenzene	14.059	91	140757	17.447	ug/l	99
90) Hexachloroethane	14.335	117	34745	18.490	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	102522	19.303	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15064	17.734	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	48478	15.693	ug/l	96
94) Hexachlorobutadiene	15.506	225	27481	15.459	ug/l	94
95) Naphthalene	15.641	128	127166	14.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44748	15.455	ug/l	93

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

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