

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078911.D
 Acq On : 16 Aug 2023 18:31
 Operator : JC\MD
 Sample : VN0816MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2023
 Supervised By : Mahesh Dadoda 08/17/2023

Quant Time: Aug 17 01:20:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	146749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	268601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	246797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	100250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	127543	55.853	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.700%
35) Dibromofluoromethane	8.171	113	94370	52.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.380%
50) Toluene-d8	10.571	98	357755	53.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.580%
62) 4-Bromofluorobenzene	12.853	95	115929	52.830	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	38077	18.700	ug/l	98
3) Chloromethane	2.365	50	53111	18.682	ug/l	99
4) Vinyl Chloride	2.512	62	50629	20.306	ug/l	100
5) Bromomethane	2.942	94	30412	21.245	ug/l #	77
6) Chloroethane	3.112	64	34884	20.014	ug/l	90
7) Trichlorofluoromethane	3.495	101	67247	22.145	ug/l	94
8) Diethyl Ether	3.965	74	25275	21.955	ug/l #	50
9) 1,1,2-Trichlorotrifluo...	4.371	101	36574	22.614	ug/l	99
10) Methyl Iodide	4.595	142	42058	23.242	ug/l	97
11) Tert butyl alcohol	5.530	59	46922	122.454	ug/l	97
12) 1,1-Dichloroethene	4.336	96	35622	22.611	ug/l #	75
13) Acrolein	4.183	56	41345	189.303	ug/l	96
14) Allyl chloride	5.030	41	60562	19.314	ug/l #	88
15) Acrylonitrile	5.736	53	129352	124.609	ug/l	97
16) Acetone	4.436	43	114717	121.751	ug/l	96
17) Carbon Disulfide	4.712	76	90557	20.534	ug/l	96
18) Methyl Acetate	5.036	43	103279	25.947	ug/l #	78
19) Methyl tert-butyl Ether	5.800	73	124839	21.997	ug/l #	89
20) Methylene Chloride	5.277	84	47031	23.422	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	36892	20.882	ug/l #	78
22) Diisopropyl ether	6.677	45	139055	20.963	ug/l #	92
23) Vinyl Acetate	6.612	43	438911	100.489	ug/l #	85
24) 1,1-Dichloroethane	6.583	63	75016	20.701	ug/l	95
25) 2-Butanone	7.489	43	163745	108.395	ug/l #	75
26) 2,2-Dichloropropane	7.494	77	45141	15.411	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	42577	19.828	ug/l	88
28) Bromochloromethane	7.818	49	45718	23.782	ug/l #	68
29) Tetrahydrofuran	7.841	42	107563	107.575	ug/l #	72
30) Chloroform	7.971	83	74727	20.640	ug/l	97
31) Cyclohexane	8.265	56	57563	18.551	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	62329	20.191	ug/l	93
36) 1,1-Dichloropropene	8.371	75	48807	17.945	ug/l	97
37) Ethyl Acetate	7.565	43	69284	22.768	ug/l #	90
38) Carbon Tetrachloride	8.371	117	52585	19.296	ug/l	99
39) Methylcyclohexane	9.612	83	42702	17.071	ug/l	91
40) Benzene	8.612	78	163474	20.335	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	34801	20.998	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	64309	21.412	ug/l	95
43) Isopropyl Acetate	8.694	43	142866	26.562	ug/l #	79
44) Trichloroethene	9.359	130	36734	19.231	ug/l	94
45) 1,2-Dichloropropane	9.630	63	45894	21.442	ug/l	98
46) Dibromomethane	9.712	93	29413	20.035	ug/l	94
47) Bromodichloromethane	9.894	83	61026	21.051	ug/l	96
48) Methyl methacrylate	9.682	41	52077	21.367	ug/l #	73
49) 1,4-Dioxane	9.706	88	17115	412.262	ug/l #	70
51) 4-Methyl-2-Pentanone	10.453	43	351090	110.057	ug/l #	85
52) Toluene	10.635	92	98716	20.000	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	60638	19.505	ug/l	90
54) cis-1,3-Dichloropropene	10.318	75	63353	18.711	ug/l #	81
55) 1,1,2-Trichloroethane	11.024	97	41482	20.961	ug/l	93
56) Ethyl methacrylate	10.882	69	63859	20.816	ug/l #	72
57) 1,3-Dichloropropane	11.171	76	75452	21.315	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	156055	105.971	ug/l	90
59) 2-Hexanone	11.200	43	253286	109.620	ug/l	83
60) Dibromochloromethane	11.365	129	42195	20.261	ug/l	98
61) 1,2-Dibromoethane	11.477	107	40842	20.308	ug/l	98
64) Tetrachloroethene	11.106	164	27439	17.729	ug/l	96
65) Chlorobenzene	11.900	112	102914	19.590	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	37793	19.036	ug/l	97
67) Ethyl Benzene	11.965	91	179955	18.837	ug/l	95
68) m/p-Xylenes	12.076	106	131997	36.955	ug/l	94
69) o-Xylene	12.400	106	67116	19.316	ug/l	99
70) Styrene	12.418	104	109429	18.888	ug/l	97
71) Bromoform	12.582	173	28577	19.799	ug/l #	98
73) Isopropylbenzene	12.700	105	162597	19.452	ug/l	99
74) N-amyl acetate	12.500	43	90220	21.383	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	67702	22.431	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	52928m	21.911	ug/l	
77) Bromobenzene	12.988	156	38685	19.253	ug/l	89
78) n-propylbenzene	13.041	91	181395	18.714	ug/l	98
79) 2-Chlorotoluene	13.129	91	120089	19.972	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	131312	19.823	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	20388	21.561	ug/l #	82
82) 4-Chlorotoluene	13.229	91	113273	19.253	ug/l	100
83) tert-Butylbenzene	13.441	119	102722	18.456	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	131004	19.973	ug/l	98
85) sec-Butylbenzene	13.623	105	145269	18.966	ug/l	99
86) p-Isopropyltoluene	13.735	119	113418	18.534	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	68209	19.728	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	63584	18.374	ug/l	97
89) n-Butylbenzene	14.059	91	89757	17.823	ug/l	95
90) Hexachloroethane	14.341	117	25324	20.644	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	66841	19.440	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	11247	19.925	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	22100	18.131	ug/l	97
94) Hexachlorobutadiene	15.512	225	13063	18.567	ug/l	94
95) Naphthalene	15.647	128	67287	16.390	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	24179	18.112	ug/l	97

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

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