

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078635.D
 Acq On : 24 Jul 2023 13:53
 Operator : JC\MD
 Sample : VN0724MBSD02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724MBSD02

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

07/25/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Jul 25 03:12:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	554967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	930699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	815876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	316995	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	339323	45.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.220%
35) Dibromofluoromethane	8.171	113	305936	48.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	10.571	98	1121321	46.982	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.853	95	352520	47.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	98816	14.523	ug/l	93
3) Chloromethane	2.371	50	117590	15.900	ug/l	98
4) Vinyl Chloride	2.524	62	154792	16.180	ug/l	100
5) Bromomethane	2.959	94	114805	15.546	ug/l	90
6) Chloroethane	3.124	64	99799	15.936	ug/l	98
7) Trichlorofluoromethane	3.500	101	190975	16.699	ug/l	98
8) Diethyl Ether	3.971	74	65469	17.182	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	104838	17.318	ug/l	93
10) Methyl Iodide	4.594	142	142873	17.175	ug/l #	97
11) Tert butyl alcohol	5.541	59	102451	89.301	ug/l #	88
12) 1,1-Dichloroethene	4.353	96	100513	17.164	ug/l	96
13) Acrolein	4.189	56	95889	84.952	ug/l	97
14) Allyl chloride	5.042	41	142126	17.762	ug/l	94
15) Acrylonitrile	5.730	53	248222	85.633	ug/l	98
16) Acetone	4.442	43	206388	89.055	ug/l	93
17) Carbon Disulfide	4.724	76	227212	13.418	ug/l	99
18) Methyl Acetate	5.042	43	168367	17.162	ug/l	94
19) Methyl tert-butyl Ether	5.812	73	346685	17.968	ug/l	97
20) Methylene Chloride	5.289	84	125915	18.163	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	108832	16.492	ug/l	92
22) Diisopropyl ether	6.688	45	319650	17.840	ug/l	93
23) Vinyl Acetate	6.618	43	970476	85.200	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	209626	17.363	ug/l	98
25) 2-Butanone	7.494	43	314350	86.168	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	183708	18.604	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	140657	18.426	ug/l	99
28) Bromochloromethane	7.824	49	104894	18.446	ug/l	98
29) Tetrahydrofuran	7.847	42	202586	84.630	ug/l	86
30) Chloroform	7.977	83	233458	18.574	ug/l	94
31) Cyclohexane	8.265	56	161400	16.052	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	205870	18.268	ug/l	97
36) 1,1-Dichloropropene	8.382	75	161286	17.680	ug/l	97
37) Ethyl Acetate	7.571	43	135551	17.825	ug/l #	95
38) Carbon Tetrachloride	8.371	117	181362	18.292	ug/l	98
39) Methylcyclohexane	9.606	83	147859	17.757	ug/l	88
40) Benzene	8.612	78	495006	18.316	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	66442	17.139	ug/l	96
42) 1,2-Dichloroethane	8.677	62	164929	17.942	ug/l	99
43) Isopropyl Acetate	8.694	43	233466	18.647	ug/l	95
44) Trichloroethene	9.359	130	134223	18.427	ug/l	90
45) 1,2-Dichloropropane	9.629	63	129393	18.903	ug/l	95
46) Dibromomethane	9.718	93	92223	19.143	ug/l	92
47) Bromodichloromethane	9.894	83	186058	19.266	ug/l	100
48) Methyl methacrylate	9.688	41	100332	17.297	ug/l	92
49) 1,4-Dioxane	9.694	88	48362	382.320	ug/l #	93
51) 4-Methyl-2-Pentanone	10.453	43	672182	90.261	ug/l	93
52) Toluene	10.635	92	315900	18.860	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	182402	18.436	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	202011	19.155	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	131016	19.853	ug/l	98
56) Ethyl methacrylate	10.882	69	177172	19.205	ug/l	91
57) 1,3-Dichloropropane	11.171	76	209432	18.664	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.171	63	292814	89.065	ug/l	95
59) 2-Hexanone	11.200	43	478758	90.456	ug/l	93
60) Dibromochloromethane	11.365	129	139136	19.097	ug/l	98
61) 1,2-Dibromoethane	11.476	107	128849	18.953	ug/l	98
64) Tetrachloroethene	11.112	164	111366	18.156	ug/l	93
65) Chlorobenzene	11.900	112	339766	18.631	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	138022	19.673	ug/l	96
67) Ethyl Benzene	11.970	91	578936	18.781	ug/l	98
68) m/p-Xylenes	12.076	106	437142	38.355	ug/l	98
69) o-Xylene	12.406	106	221681	19.257	ug/l	100
70) Styrene	12.417	104	345545	19.186	ug/l	99
71) Bromoform	12.582	173	92992	19.571	ug/l #	99
73) Isopropylbenzene	12.700	105	537074	18.031	ug/l	99
74) N-amyl acetate	12.500	43	172333	16.789	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	177126	19.395	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	139874m	18.255	ug/l	
77) Bromobenzene	12.988	156	135700	20.023	ug/l	89
78) n-propylbenzene	13.041	91	582896	18.299	ug/l	99
79) 2-Chlorotoluene	13.129	91	379226	18.175	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	433472	18.418	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	50488	17.315	ug/l	93
82) 4-Chlorotoluene	13.229	91	346781	17.816	ug/l	98
83) tert-Butylbenzene	13.441	119	378489	18.942	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	423791	18.539	ug/l	97
85) sec-Butylbenzene	13.623	105	460092	18.217	ug/l	99
86) p-Isopropyltoluene	13.735	119	377882	18.633	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	215642	18.858	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	207031	17.975	ug/l	99
89) n-Butylbenzene	14.059	91	265015	18.264	ug/l	97
90) Hexachloroethane	14.335	117	72243	18.874	ug/l	79
91) 1,2-Dichlorobenzene	14.111	146	213486	18.760	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25675	16.728	ug/l	87
93) 1,2,4-Trichlorobenzene	15.400	180	56498	15.556	ug/l	96
94) Hexachlorobutadiene	15.506	225	43432	20.690	ug/l	97
95) Naphthalene	15.647	128	170133	13.703	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	69158	16.561	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

