

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077101.D
 Acq On : 22 Mar 2023 12:28
 Operator : JC\MD
 Sample : VN0322MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/23/2023
 Supervised By :Semsettin Yesilyurt 03/23/2023

Quant Time: Mar 22 23:21:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	342566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	626919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	551808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	233109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	303812	55.522	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.040%	
35) Dibromofluoromethane	8.172	113	222752	50.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.480%	
50) Toluene-d8	10.572	98	820310	52.305	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.620%	
62) 4-Bromofluorobenzene	12.848	95	284977	51.423	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	52028	15.253	ug/l	92
3) Chloromethane	2.378	50	45101	13.067	ug/l	94
4) Vinyl Chloride	2.525	62	59718	16.029	ug/l	95
5) Bromomethane	2.960	94	50349	20.008	ug/l	96
6) Chloroethane	3.137	64	55442	23.518	ug/l	99
7) Trichlorofluoromethane	3.513	101	165537	20.654	ug/l	99
8) Diethyl Ether	3.978	74	62930	20.863	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.390	101	89503	19.687	ug/l	98
10) Methyl Iodide	4.607	142	102843	20.084	ug/l	98
11) Tert butyl alcohol	5.537	59	89410	112.134	ug/l	99
12) 1,1-Dichloroethene	4.354	96	85416	20.538	ug/l	98
13) Acrolein	4.190	56	93023	94.324	ug/l	99
14) Allyl chloride	5.037	41	158596	20.830	ug/l	99
15) Acrylonitrile	5.731	53	290184	108.256	ug/l	99
16) Acetone	4.443	43	254831	104.518	ug/l	99
17) Carbon Disulfide	4.725	76	222098	18.314	ug/l	98
18) Methyl Acetate	5.037	43	203172	22.098	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	324522	21.741	ug/l	98
20) Methylene Chloride	5.290	84	108196	20.447	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	93087	20.650	ug/l	99
22) Diisopropyl ether	6.684	45	367813	22.048	ug/l	98
23) Vinyl Acetate	6.613	43	1135309	107.847	ug/l	99
24) 1,1-Dichloroethane	6.578	63	194680	20.394	ug/l	98
25) 2-Butanone	7.490	43	387470	108.637	ug/l	97
26) 2,2-Dichloropropane	7.495	77	147238	20.499	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	102836	19.918	ug/l	95
28) Bromochloromethane	7.819	49	85720	20.678	ug/l	94
29) Tetrahydrofuran	7.842	42	256148	110.828	ug/l	97
30) Chloroform	7.972	83	186107	20.087	ug/l	92
31) Cyclohexane	8.266	56	170531	19.048	ug/l	95
32) 1,1,1-Trichloroethane	8.178	97	161888	20.443	ug/l	94
36) 1,1-Dichloropropene	8.378	75	133591	19.481	ug/l	99
37) Ethyl Acetate	7.566	43	154287	21.029	ug/l	100
38) Carbon Tetrachloride	8.366	117	130758	19.576	ug/l	96
39) Methylcyclohexane	9.607	83	153430	19.115	ug/l	97
40) Benzene	8.613	78	412333	19.827	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	86273	21.827	ug/l	97
42) 1,2-Dichloroethane	8.678	62	155827	20.735	ug/l	100
43) Isopropyl Acetate	8.689	43	245142	21.388	ug/l	99
44) Trichloroethene	9.360	130	86365	18.079	ug/l	94
45) 1,2-Dichloropropane	9.625	63	112285	20.328	ug/l	97
46) Dibromomethane	9.713	93	68582	19.687	ug/l	97
47) Bromodichloromethane	9.889	83	144987	19.845	ug/l	100
48) Methyl methacrylate	9.684	41	123357	22.513	ug/l	97
49) 1,4-Dioxane	9.701	88	37994	405.976	ug/l #	91
51) 4-Methyl-2-Pentanone	10.448	43	772292	108.204	ug/l	99
52) Toluene	10.631	92	248702	20.029	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	150079	20.959	ug/l	94
54) cis-1,3-Dichloropropene	10.313	75	165063	20.430	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	97808	19.975	ug/l	98
56) Ethyl methacrylate	10.878	69	152606	20.726	ug/l	95
57) 1,3-Dichloropropane	11.166	76	176789	19.720	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	293146	93.387	ug/l	99
59) 2-Hexanone	11.195	43	560952	108.359	ug/l	96
60) Dibromochloromethane	11.360	129	96174	19.553	ug/l	100
61) 1,2-Dibromoethane	11.472	107	93824	19.322	ug/l	99
64) Tetrachloroethene	11.107	164	69298	18.712	ug/l	96
65) Chlorobenzene	11.895	112	238940	18.820	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	91357	19.446	ug/l	99
67) Ethyl Benzene	11.966	91	455189	19.738	ug/l	97
68) m/p-Xylenes	12.072	106	338708	39.602	ug/l	98
69) o-Xylene	12.401	106	166393	19.580	ug/l	97
70) Styrene	12.413	104	273173	20.647	ug/l	99
71) Bromoform	12.583	173	61085	19.188	ug/l #	99
73) Isopropylbenzene	12.701	105	432775	20.716	ug/l	100
74) N-amyl acetate	12.495	43	204243	22.588	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	149755	19.787	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	117480m	19.484	ug/l	
77) Bromobenzene	12.983	156	90383	19.314	ug/l	95
78) n-propylbenzene	13.036	91	512350	21.245	ug/l	99
79) 2-Chlorotoluene	13.124	91	320750	20.873	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	374153	21.452	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	49758	22.715	ug/l	95
82) 4-Chlorotoluene	13.224	91	304903	20.866	ug/l	99
83) tert-Butylbenzene	13.442	119	310378	21.195	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	367519	21.115	ug/l	99
85) sec-Butylbenzene	13.619	105	439965	21.120	ug/l	100
86) p-Isopropyltoluene	13.730	119	353016	21.102	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	171351	19.373	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	169022	19.207	ug/l	99
89) n-Butylbenzene	14.060	91	299671	20.420	ug/l	99
90) Hexachloroethane	14.336	117	66041	19.417	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	169743	19.254	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.719	75	28603	20.396	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	76905	19.296	ug/l	100
94) Hexachlorobutadiene	15.507	225	41650	18.976	ug/l	99
95) Naphthalene	15.642	128	264241	18.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	77389	19.352	ug/l	99

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

