

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079027.D
 Acq On : 24 Aug 2023 13:30
 Operator : JC\MD
 Sample : VN0824MBS01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

Quant Time: Aug 25 01:12:20 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	171169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	277182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	137709	51.702	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.400%			
35) Dibromofluoromethane	8.171	113	109984	52.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.460%			
50) Toluene-d8	10.571	98	394217	50.897	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.800%			
62) 4-Bromofluorobenzene	12.853	95	128427	50.729	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	51909	21.856	ug/l	100
3) Chloromethane	2.365	50	58187	17.547	ug/l	100
4) Vinyl Chloride	2.518	62	60584	20.833	ug/l	99
5) Bromomethane	2.959	94	36479	21.848	ug/l	99
6) Chloroethane	3.124	64	42552	20.931	ug/l	97
7) Trichlorofluoromethane	3.495	101	76112	21.488	ug/l	95
8) Diethyl Ether	3.965	74	27711	20.637	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	38887	20.613	ug/l	94
10) Methyl Iodide	4.595	142	49036	23.232	ug/l	93
11) Tert butyl alcohol	5.524	59	42804	95.770	ug/l #	94
12) 1,1-Dichloroethene	4.342	96	38856	21.145	ug/l	86
13) Acrolein	4.177	56	24980	92.711	ug/l	93
14) Allyl chloride	5.030	41	69955	19.127	ug/l #	90
15) Acrylonitrile	5.724	53	128198	105.879	ug/l	99
16) Acetone	4.436	43	108938	99.123	ug/l	91
17) Carbon Disulfide	4.718	76	102768	19.979	ug/l #	94
18) Methyl Acetate	5.036	43	94990	20.460	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	141558	21.385	ug/l #	90
20) Methylene Chloride	5.277	84	49763	21.247	ug/l	87
21) trans-1,2-Dichloroethene	5.800	96	42878	20.808	ug/l	87
22) Diisopropyl ether	6.683	45	163942	21.188	ug/l #	90
23) Vinyl Acetate	6.612	43	515609	101.207	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	91559	21.661	ug/l	96
25) 2-Butanone	7.488	43	178358	101.224	ug/l #	77
26) 2,2-Dichloropropane	7.500	77	70604	20.665	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	53929	21.532	ug/l	87
28) Bromochloromethane	7.812	49	46795	20.870	ug/l #	74
29) Tetrahydrofuran	7.847	42	116784	100.134	ug/l #	72
30) Chloroform	7.971	83	93397	22.117	ug/l	94
31) Cyclohexane	8.259	56	71052	19.794	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	78756	21.872	ug/l	96
36) 1,1-Dichloropropene	8.377	75	63550	20.253	ug/l	96
37) Ethyl Acetate	7.565	43	73599	20.964	ug/l #	89
38) Carbon Tetrachloride	8.365	117	67512	21.473	ug/l	97
39) Methylcyclohexane	9.600	83	57570	19.949	ug/l #	83
40) Benzene	8.612	78	195752	21.106	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	40362	21.109	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	73981	21.351	ug/l	98
43) Isopropyl Acetate	8.694	43	126462	20.380	ug/l #	85
44) Trichloroethene	9.353	130	46365	21.039	ug/l	90
45) 1,2-Dichloropropane	9.630	63	52741	21.358	ug/l	93
46) Dibromomethane	9.718	93	36678	21.656	ug/l	97
47) Bromodichloromethane	9.894	83	72747	21.751	ug/l	95
48) Methyl methacrylate	9.682	41	55929	19.890	ug/l #	77
49) 1,4-Dioxane	9.700	88	19253	401.981	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	383061	104.082	ug/l #	84
52) Toluene	10.635	92	122764	21.559	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	75147	20.952	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	80709	20.662	ug/l #	84
55) 1,1,2-Trichloroethane	11.024	97	51133	22.395	ug/l	98
56) Ethyl methacrylate	10.877	69	74526	21.057	ug/l #	76
57) 1,3-Dichloropropane	11.171	76	85052	20.827	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	142028	83.598	ug/l	90
59) 2-Hexanone	11.200	43	265794	99.710	ug/l	85
60) Dibromochloromethane	11.365	129	52988	22.054	ug/l	98
61) 1,2-Dibromoethane	11.471	107	49132	21.176	ug/l	97
64) Tetrachloroethene	11.106	164	35895	20.650	ug/l	92
65) Chlorobenzene	11.894	112	125384	21.251	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	48890	21.926	ug/l	97
67) Ethyl Benzene	11.965	91	218543	20.368	ug/l	99
68) m/p-Xylenes	12.076	106	168344	41.964	ug/l	99
69) o-Xylene	12.400	106	82001	21.013	ug/l	98
70) Styrene	12.418	104	130958	20.126	ug/l	96
71) Bromoform	12.582	173	35541	21.925	ug/l #	99
73) Isopropylbenzene	12.700	105	196248	20.285	ug/l	97
74) N-amyl acetate	12.500	43	94224	19.295	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	75877	21.721	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	57580m	20.596	ug/l	
77) Bromobenzene	12.982	156	49739	21.389	ug/l	97
78) n-propylbenzene	13.041	91	227944	20.319	ug/l	99
79) 2-Chlorotoluene	13.129	91	142235	20.439	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	164356	21.438	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	25148	22.979	ug/l #	91
82) 4-Chlorotoluene	13.223	91	139310	20.459	ug/l	100
83) tert-Butylbenzene	13.441	119	135002	20.958	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	165220	21.764	ug/l	98
85) sec-Butylbenzene	13.618	105	183296	20.677	ug/l	99
86) p-Isopropyltoluene	13.735	119	147114	20.771	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	84336	21.076	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	82141	20.509	ug/l	100
89) n-Butylbenzene	14.059	91	114656	19.671	ug/l	97
90) Hexachloroethane	14.335	117	31145	21.937	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	83596	21.007	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12255	18.481	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	27809	19.713	ug/l	93
94) Hexachlorobutadiene	15.506	225	16992	21.046	ug/l	94
95) Naphthalene	15.647	128	79614	16.698	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	30064	19.458	ug/l	95

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

