

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083000.D
 Acq On : 22 Jul 2024 13:02
 Operator : JC\MD
 Sample : VN0722MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Jul 23 03:48:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						07/24/2024
1) Pentafluorobenzene	8.224	168	77645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	131351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	121167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57075	50.000	ug/l	0.00
System Monitoring Compounds						07/24/2024
33) 1,2-Dichloroethane-d4	8.583	65	62466	57.391	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.780%	
35) Dibromofluoromethane	8.165	113	47062	55.837	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.680%	
50) Toluene-d8	10.571	98	168327	54.072	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.140%	
62) 4-Bromofluorobenzene	12.853	95	54032	48.319	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	19659	19.557	ug/l	99
3) Chloromethane	2.359	50	16278	17.075	ug/l #	87
4) Vinyl Chloride	2.512	62	19291	19.268	ug/l	99
5) Bromomethane	2.953	94	14537	20.138	ug/l	92
6) Chloroethane	3.112	64	16214	23.665	ug/l #	86
7) Trichlorofluoromethane	3.489	101	30413	21.120	ug/l	89
8) Diethyl Ether	3.965	74	10094	20.481	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	18179	22.305	ug/l	99
10) Methyl Iodide	4.595	142	12553	15.023	ug/l #	97
11) Tert butyl alcohol	5.530	59	18348	100.226	ug/l	97
12) 1,1-Dichloroethene	4.342	96	15911	20.074	ug/l	89
13) Acrolein	4.189	56	9451	71.507	ug/l	100
14) Allyl chloride	5.030	41	22597	18.284	ug/l #	96
15) Acrylonitrile	5.718	53	47978	114.039	ug/l	98
16) Acetone	4.436	43	40985	106.953	ug/l	100
17) Carbon Disulfide	4.712	76	40682	17.176	ug/l	97
18) Methyl Acetate	5.030	43	27534	27.154	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	57424	21.002	ug/l	98
20) Methylene Chloride	5.283	84	20243	21.874	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	16498	19.210	ug/l	94
22) Diisopropyl ether	6.671	45	56013	21.664	ug/l	96
23) Vinyl Acetate	6.606	43	210767	102.650	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	34804	22.192	ug/l	99
25) 2-Butanone	7.488	43	61831	106.859	ug/l	92
26) 2,2-Dichloropropane	7.494	77	29363	20.137	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	21570	21.452	ug/l	89
28) Bromochloromethane	7.818	49	16068	23.882	ug/l	84
29) Tetrahydrofuran	7.841	42	40020	109.863	ug/l #	84
30) Chloroform	7.965	83	37991	22.834	ug/l	94
31) Cyclohexane	8.259	56	26054	18.309	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	33214	21.501	ug/l	95
36) 1,1-Dichloropropene	8.377	75	23305	20.055	ug/l	98
37) Ethyl Acetate	7.571	43	27137	22.937	ug/l	98
38) Carbon Tetrachloride	8.359	117	29305	20.945	ug/l	99
39) Methylcyclohexane	9.600	83	21665	17.260	ug/l	92
40) Benzene	8.606	78	76075	21.282	ug/l	96

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 Supervised By :Semsettin
 Esilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	13111	20.570	ug/l	92
42) 1,2-Dichloroethane	8.671	62	29511	22.933	ug/l	98
43) Isopropyl Acetate	8.694	43	46497	19.004	ug/l #	96
44) Trichloroethene	9.359	130	18303	19.986	ug/l	94
45) 1,2-Dichloropropane	9.624	63	19863	23.802	ug/l	90
46) Dibromomethane	9.706	93	15110	23.241	ug/l	99
47) Bromodichloromethane	9.888	83	30436	22.657	ug/l	98
48) Methyl methacrylate	9.682	41	19010	20.492	ug/l #	85
49) 1,4-Dioxane	9.700	88	8547	418.044	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	137036	116.836	ug/l	95
52) Toluene	10.635	92	46726	20.926	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	29203	21.102	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	30464	20.797	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	20096	24.475	ug/l	92
56) Ethyl methacrylate	10.876	69	27096	21.211	ug/l	92
57) 1,3-Dichloropropane	11.165	76	32518	22.373	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	80650	123.037	ug/l	94
59) 2-Hexanone	11.200	43	100613	115.379	ug/l	94
60) Dibromochloromethane	11.365	129	23621	22.587	ug/l	99
61) 1,2-Dibromoethane	11.471	107	19728	22.625	ug/l	98
64) Tetrachloroethene	11.106	164	17439	19.291	ug/l	96
65) Chlorobenzene	11.894	112	53726	20.692	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	20018	21.675	ug/l	99
67) Ethyl Benzene	11.965	91	82807	18.976	ug/l	95
68) m/p-Xylenes	12.071	106	65324	39.650	ug/l	97
69) o-Xylene	12.400	106	31032	19.658	ug/l	94
70) Styrene	12.412	104	53262	20.420	ug/l	99
71) Bromoform	12.576	173	15498	21.338	ug/l #	98
73) Isopropylbenzene	12.700	105	77490	18.684	ug/l	99
74) N-amyl acetate	12.494	43	33856	19.736	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	28299	22.783	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	26124m	26.549	ug/l	
77) Bromobenzene	12.982	156	21432	20.031	ug/l	93
78) n-propylbenzene	13.035	91	92770	19.455	ug/l	100
79) 2-Chlorotoluene	13.129	91	58201	19.156	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	64211	19.154	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	10446	20.878	ug/l	87
82) 4-Chlorotoluene	13.223	91	56865	18.909	ug/l	96
83) tert-Butylbenzene	13.441	119	52157	17.549	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	63265	18.516	ug/l	96
85) sec-Butylbenzene	13.617	105	73767	18.367	ug/l	98
86) p-Isopropyltoluene	13.729	119	59791	17.844	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	36748	19.013	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	38320	19.171	ug/l	98
89) n-Butylbenzene	14.059	91	50128	17.462	ug/l	97
90) Hexachloroethane	14.335	117	14077	19.854	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	36335	19.362	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	5746	19.996	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	17543	17.355	ug/l	98
94) Hexachlorobutadiene	15.506	225	7625	17.015	ug/l	97
95) Naphthalene	15.641	128	54946	15.870	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	18381	17.685	ug/l	98

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

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

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