

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084482.D
 Acq On : 24 Oct 2024 12:46
 Operator : JC\MD
 Sample : VN1024MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 25 01:58:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121751	50.426	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.860%	
35) Dibromofluoromethane	8.165	113	98164	52.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.440%	
50) Toluene-d8	10.565	98	348495	50.869	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	12.847	95	125241	50.180	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.360%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	27942	14.506	ug/l	98
3) Chloromethane	2.359	50	35973	16.356	ug/l	99
4) Vinyl Chloride	2.512	62	36793	17.270	ug/l	96
5) Bromomethane	2.959	94	24895	17.716	ug/l	99
6) Chloroethane	3.124	64	24413	16.001	ug/l	97
7) Trichlorofluoromethane	3.500	101	63145	19.034	ug/l	96
8) Diethyl Ether	3.965	74	22612	18.378	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	36617	19.263	ug/l	97
10) Methyl Iodide	4.589	142	45569	18.615	ug/l	96
11) Tert butyl alcohol	5.518	59	36773	92.366	ug/l	98
12) 1,1-Dichloroethene	4.342	96	34769	18.963	ug/l	97
13) Acrolein	4.177	56	46139	100.949	ug/l	99
14) Allyl chloride	5.018	41	57125	17.940	ug/l	96
15) Acrylonitrile	5.718	53	100680	100.142	ug/l	99
16) Acetone	4.424	43	88514	85.340	ug/l	98
17) Carbon Disulfide	4.712	76	99200	17.089	ug/l	99
18) Methyl Acetate	5.030	43	45501	20.127	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	123928	20.026	ug/l	99
20) Methylene Chloride	5.277	84	43008	20.398	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	38446	20.014	ug/l	93
22) Diisopropyl ether	6.671	45	133560	20.278	ug/l	95
23) Vinyl Acetate	6.600	43	481974	98.660	ug/l	99
24) 1,1-Dichloroethane	6.565	63	75038	20.372	ug/l	100
25) 2-Butanone	7.488	43	134760	95.393	ug/l	98
26) 2,2-Dichloropropane	7.488	77	62846	18.923	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	46802	20.163	ug/l	96
28) Bromochloromethane	7.812	49	31857	19.384	ug/l	98
29) Tetrahydrofuran	7.841	42	85898	98.531	ug/l	98
30) Chloroform	7.965	83	78427	20.498	ug/l	98
31) Cyclohexane	8.259	56	61098	17.084	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	68619	19.969	ug/l	97
36) 1,1-Dichloropropene	8.371	75	52501	19.411	ug/l	98
37) Ethyl Acetate	7.559	43	55086	19.852	ug/l	99
38) Carbon Tetrachloride	8.359	117	58493	19.715	ug/l	98
39) Methylcyclohexane	9.600	83	53825	17.880	ug/l	98
40) Benzene	8.606	78	171558	20.358	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29795	19.778	ug/l	97
42) 1,2-Dichloroethane	8.665	62	58522	20.484	ug/l	97
43) Isopropyl Acetate	8.688	43	90665	16.681	ug/l	97
44) Trichloroethene	9.347	130	39970	20.307	ug/l	97
45) 1,2-Dichloropropane	9.618	63	41846	20.991	ug/l	98
46) Dibromomethane	9.706	93	29984	22.288	ug/l	99
47) Bromodichloromethane	9.888	83	61409	20.546	ug/l #	96
48) Methyl methacrylate	9.676	41	42121	19.468	ug/l	97
49) 1,4-Dioxane	9.694	88	16231	407.490	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	277247	104.956	ug/l	100
52) Toluene	10.629	92	106284	20.682	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	60885	19.984	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	67403	20.568	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	41030	22.272	ug/l	93
56) Ethyl methacrylate	10.871	69	60561	19.978	ug/l	100
57) 1,3-Dichloropropane	11.165	76	69516	21.118	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	139045	98.880	ug/l	97
59) 2-Hexanone	11.194	43	200522	101.565	ug/l	99
60) Dibromochloromethane	11.359	129	46231	21.239	ug/l	97
61) 1,2-Dibromoethane	11.465	107	38834	20.287	ug/l	94
64) Tetrachloroethene	11.100	164	35483	20.337	ug/l	97
65) Chlorobenzene	11.888	112	113253	20.391	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	39850	20.831	ug/l	98
67) Ethyl Benzene	11.965	91	191314	19.478	ug/l	99
68) m/p-Xylenes	12.070	106	146534	40.331	ug/l	99
69) o-Xylene	12.400	106	69917	20.339	ug/l	99
70) Styrene	12.412	104	121528	20.872	ug/l	97
71) Bromoform	12.576	173	30186	21.432	ug/l #	95
73) Isopropylbenzene	12.694	105	175489	19.046	ug/l	99
74) N-amyl acetate	12.494	43	78708	18.864	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	57344	20.697	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	54447m	22.087	ug/l	
77) Bromobenzene	12.976	156	44465	20.006	ug/l	96
78) n-propylbenzene	13.035	91	211155	19.779	ug/l	100
79) 2-Chlorotoluene	13.123	91	133568	19.607	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	150854	20.071	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21047	20.470	ug/l	95
82) 4-Chlorotoluene	13.217	91	134936	19.677	ug/l	99
83) tert-Butylbenzene	13.435	119	126241	18.898	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	151520	20.012	ug/l	99
85) sec-Butylbenzene	13.617	105	172960	19.402	ug/l	100
86) p-Isopropyltoluene	13.729	119	143054	19.407	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	81807	19.620	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	80758	19.180	ug/l	99
89) n-Butylbenzene	14.053	91	117967	17.649	ug/l	98
90) Hexachloroethane	14.329	117	28237	18.872	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	77136	18.867	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11288	19.743	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	38344	19.041	ug/l	98
94) Hexachlorobutadiene	15.500	225	17584	17.510	ug/l	98
95) Naphthalene	15.641	128	114569	17.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36583	18.148	ug/l	98

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

