

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085411.D
 Acq On : 09 Jan 2025 16:03
 Operator : JC\MD
 Sample : VN0109MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0109MBS01

Quant Time: Jan 10 00:23:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	163759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	289171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121529	52.032	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.060%			
35) Dibromofluoromethane	8.159	113	93555	51.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.720%			
50) Toluene-d8	10.559	98	327254	49.435	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.860%			
62) 4-Bromofluorobenzene	12.847	95	109934	50.003	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46745	21.106	ug/l	96
3) Chloromethane	2.359	50	47321	19.011	ug/l	93
4) Vinyl Chloride	2.512	62	48447	18.403	ug/l	96
5) Bromomethane	2.959	94	28763	16.706	ug/l	98
6) Chloroethane	3.124	64	29971	17.952	ug/l	98
7) Trichlorofluoromethane	3.501	101	68718	19.858	ug/l	97
8) Diethyl Ether	3.959	74	23598	20.595	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	39826	20.226	ug/l	98
10) Methyl Iodide	4.583	142	38573	16.928	ug/l	97
11) Tert butyl alcohol	5.512	59	30341	103.739	ug/l	99
12) 1,1-Dichloroethene	4.342	96	37076	20.374	ug/l	93
13) Acrolein	4.177	56	31864	69.879	ug/l	98
14) Allyl chloride	5.018	41	56325	19.339	ug/l	98
15) Acrylonitrile	5.712	53	95351	103.583	ug/l	100
16) Acetone	4.418	43	79188	103.105	ug/l	98
17) Carbon Disulfide	4.712	76	108436	19.587	ug/l	99
18) Methyl Acetate	5.024	43	50841	21.622	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	118160	19.977	ug/l	100
20) Methylene Chloride	5.271	84	41966	20.314	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	38099	20.042	ug/l	95
22) Diisopropyl ether	6.671	45	135211	21.544	ug/l	97
23) Vinyl Acetate	6.600	43	470101	103.539	ug/l	100
24) 1,1-Dichloroethane	6.565	63	76538	20.245	ug/l	97
25) 2-Butanone	7.477	43	121580	102.038	ug/l	96
26) 2,2-Dichloropropane	7.483	77	67062	20.246	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	45442	20.367	ug/l	94
28) Bromochloromethane	7.806	49	34104	19.411	ug/l #	99
29) Tetrahydrofuran	7.836	42	82936	108.057	ug/l	97
30) Chloroform	7.959	83	76832	19.865	ug/l	100
31) Cyclohexane	8.253	56	66454	19.249	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	68966	19.965	ug/l	98
36) 1,1-Dichloropropene	8.365	75	54156	20.503	ug/l	98
37) Ethyl Acetate	7.553	43	55153	21.008	ug/l	96
38) Carbon Tetrachloride	8.359	117	59104	20.529	ug/l	98
39) Methylcyclohexane	9.594	83	54494	19.885	ug/l	93
40) Benzene	8.600	78	168611	21.113	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	28648	21.307	ug/l	99
42) 1,2-Dichloroethane	8.665	62	58939	20.585	ug/l	99
43) Isopropyl Acetate	8.683	43	89246	20.645	ug/l	98
44) Trichloroethene	9.347	130	37880	20.035	ug/l	89
45) 1,2-Dichloropropane	9.618	63	41740	20.589	ug/l	99
46) Dibromomethane	9.700	93	28871	20.477	ug/l	97
47) Bromodichloromethane	9.882	83	60820	20.755	ug/l	99
48) Methyl methacrylate	9.677	41	40729	21.713	ug/l	97
49) 1,4-Dioxane	9.694	88	12597	445.103	ug/l #	79
51) 4-Methyl-2-Pentanone	10.441	43	262385	108.007	ug/l	100
52) Toluene	10.624	92	101169	21.276	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	57769	20.046	ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	66224	21.251	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	37162	20.700	ug/l	98
56) Ethyl methacrylate	10.871	69	54288	20.763	ug/l	96
57) 1,3-Dichloropropane	11.159	76	66702	21.169	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	115964	91.670	ug/l	96
59) 2-Hexanone	11.188	43	182681	108.385	ug/l	98
60) Dibromochloromethane	11.353	129	42668	21.101	ug/l	98
61) 1,2-Dibromoethane	11.465	107	35240	19.841	ug/l	99
64) Tetrachloroethene	11.100	164	31915	20.511	ug/l	91
65) Chlorobenzene	11.888	112	106402	20.051	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	37108	20.836	ug/l	97
67) Ethyl Benzene	11.959	91	185174	20.983	ug/l	100
68) m/p-Xylenes	12.065	106	137505	42.577	ug/l	99
69) o-Xylene	12.394	106	64533	20.656	ug/l	98
70) Styrene	12.406	104	108649	21.458	ug/l	99
71) Bromoform	12.576	173	25915	21.009	ug/l #	97
73) Isopropylbenzene	12.688	105	161815	19.818	ug/l	99
74) N-amyl acetate	12.488	43	70745	20.242	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.929	83	53562	20.597	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	41541m	19.592	ug/l	
77) Bromobenzene	12.976	156	38671	19.117	ug/l	98
78) n-propylbenzene	13.029	91	196028	20.597	ug/l	99
79) 2-Chlorotoluene	13.123	91	121833	20.340	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	138740	21.008	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	16846m	19.028	ug/l	
82) 4-Chlorotoluene	13.218	91	121207	20.092	ug/l	99
83) tert-Butylbenzene	13.435	119	113821	19.896	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	137886	20.968	ug/l	97
85) sec-Butylbenzene	13.612	105	160856	20.256	ug/l	99
86) p-Isopropyltoluene	13.723	119	131475	19.321	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	73108	19.936	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	73723	19.571	ug/l	99
89) n-Butylbenzene	14.053	91	108959	18.738	ug/l	99
90) Hexachloroethane	14.329	117	26792	20.583	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	70661	20.227	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.712	75	9392	20.293	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	31472	18.051	ug/l	99
94) Hexachlorobutadiene	15.494	225	15174	17.517	ug/l	99
95) Naphthalene	15.635	128	94450	15.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	32171	18.468	ug/l	97

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

