

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085404.D
 Acq On : 09 Jan 2025 13:07
 Operator : JC\MD
 Sample : VN0109WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0109WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jan 10 00:17:20 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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	177833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	308224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	264243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117530	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	129789	51.170	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.340%
35) Dibromofluoromethane	8.159	113	101301	52.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.360%
50) Toluene-d8	10.559	98	357769	50.704	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.847	95	118118	50.405	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48380	20.116	ug/l	98
3) Chloromethane	2.359	50	49570	18.338	ug/l	92
4) Vinyl Chloride	2.512	62	49609	17.353	ug/l	99
5) Bromomethane	2.959	94	30671	16.405	ug/l	94
6) Chloroethane	3.124	64	33121	18.269	ug/l	94
7) Trichlorofluoromethane	3.501	101	72550	19.306	ug/l	98
8) Diethyl Ether	3.953	74	24124	19.388	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	41619	19.464	ug/l	97
10) Methyl Iodide	4.589	142	43130	17.430	ug/l	95
11) Tert butyl alcohol	5.512	59	28532	89.833	ug/l #	91
12) 1,1-Dichloroethene	4.342	96	38520	19.492	ug/l	98
13) Acrolein	4.177	56	39151	79.065	ug/l	99
14) Allyl chloride	5.024	41	61875	19.563	ug/l	95
15) Acrylonitrile	5.718	53	97743	97.778	ug/l	98
16) Acetone	4.424	43	81142	97.288	ug/l	100
17) Carbon Disulfide	4.712	76	114513	19.048	ug/l	96
18) Methyl Acetate	5.018	43	50949	19.953	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	121966	18.988	ug/l	99
20) Methylene Chloride	5.277	84	45105	20.106	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	39694	19.228	ug/l	97
22) Diisopropyl ether	6.659	45	139401	20.453	ug/l	95
23) Vinyl Acetate	6.594	43	485085	98.384	ug/l	100
24) 1,1-Dichloroethane	6.565	63	81525	19.857	ug/l	98
25) 2-Butanone	7.477	43	121891	94.203	ug/l	94
26) 2,2-Dichloropropane	7.483	77	70351	19.558	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	47063	19.424	ug/l	95
28) Bromochloromethane	7.806	49	39153	20.521	ug/l #	99
29) Tetrahydrofuran	7.836	42	83185	99.804	ug/l	97
30) Chloroform	7.959	83	80917	19.265	ug/l	98
31) Cyclohexane	8.253	56	70633	18.841	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	71491	19.058	ug/l	98
36) 1,1-Dichloropropene	8.365	75	56881	20.204	ug/l	99
37) Ethyl Acetate	7.553	43	54613	19.516	ug/l	98
38) Carbon Tetrachloride	8.359	117	63221	20.601	ug/l	96
39) Methylcyclohexane	9.594	83	58757	20.115	ug/l	95
40) Benzene	8.600	78	177063	20.801	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	29875	20.846	ug/l	95
42) 1,2-Dichloroethane	8.665	62	62102	20.349	ug/l	99
43) Isopropyl Acetate	8.683	43	89104	19.338	ug/l	100
44) Trichloroethene	9.347	130	39174	19.439	ug/l	94
45) 1,2-Dichloropropane	9.612	63	43597	20.176	ug/l	100
46) Dibromomethane	9.706	93	29261	19.471	ug/l	98
47) Bromodichloromethane	9.883	83	63776	20.418	ug/l	95
48) Methyl methacrylate	9.677	41	41137	20.575	ug/l	97
49) 1,4-Dioxane	9.688	88	11166	370.151	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	266318	102.850	ug/l	100
52) Toluene	10.624	92	105470	20.809	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	60078	19.559	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	66805	20.113	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	37734	19.719	ug/l	92
56) Ethyl methacrylate	10.871	69	55251	19.825	ug/l	98
57) 1,3-Dichloropropane	11.159	76	68555	20.412	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.153	63	114231	84.718	ug/l	98
59) 2-Hexanone	11.188	43	184477	102.685	ug/l	98
60) Dibromochloromethane	11.353	129	45090	20.920	ug/l	99
61) 1,2-Dibromoethane	11.465	107	38322	20.242	ug/l	99
64) Tetrachloroethene	11.100	164	34687	20.717	ug/l	94
65) Chlorobenzene	11.888	112	113309	19.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	38487	20.082	ug/l	99
67) Ethyl Benzene	11.959	91	188697	19.870	ug/l	97
68) m/p-Xylenes	12.065	106	149390	42.986	ug/l	98
69) o-Xylene	12.394	106	68447	20.360	ug/l	99
70) Styrene	12.406	104	111676	20.496	ug/l	99
71) Bromoform	12.571	173	27551	20.756	ug/l #	99
73) Isopropylbenzene	12.688	105	175325	20.744	ug/l	100
74) N-amyl acetate	12.488	43	73284	20.257	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	55249	20.525	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	39949m	18.202	ug/l	
77) Bromobenzene	12.976	156	41690	19.910	ug/l	98
78) n-propylbenzene	13.029	91	209557	21.271	ug/l	99
79) 2-Chlorotoluene	13.118	91	128492	20.724	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	146441	21.421	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	16593	18.106	ug/l	96
82) 4-Chlorotoluene	13.218	91	129197	20.690	ug/l	98
83) tert-Butylbenzene	13.435	119	119445	20.170	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	147026	21.599	ug/l	100
85) sec-Butylbenzene	13.612	105	172519	20.988	ug/l	99
86) p-Isopropyltoluene	13.723	119	138121	19.599	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	75750	19.956	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	76899	19.722	ug/l	99
89) n-Butylbenzene	14.053	91	116590	19.370	ug/l	99
90) Hexachloroethane	14.329	117	27951	20.745	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	73997	20.464	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9385	19.590	ug/l	95
93) 1,2,4-Trichlorobenzene	15.382	180	33326	18.466	ug/l	98
94) Hexachlorobutadiene	15.500	225	16699	18.623	ug/l	98
95) Naphthalene	15.635	128	93854	15.336	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	32321	17.924	ug/l	99

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

