

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
 Data File : VN085510.D
 Acq On : 21 Jan 2025 12:09
 Operator : JC\MD
 Sample : VN0121WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Quant Time: Jan 22 00:38:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	215011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	356824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	311869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.782	152	145446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	168806	48.637	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.280%		
35) Dibromofluoromethane	8.159	113	126914	51.268	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.540%		
50) Toluene-d8	10.559	98	463218	52.666	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.340%		
62) 4-Bromofluorobenzene	12.847	95	153644	51.067	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	51720	17.766	ug/l	97
3) Chloromethane	2.359	50	52690	16.716	ug/l	96
4) Vinyl Chloride	2.518	62	55284	17.450	ug/l	99
5) Bromomethane	2.965	94	34849	18.210	ug/l	97
6) Chloroethane	3.130	64	36400	18.122	ug/l	94
7) Trichlorofluoromethane	3.501	101	82668	17.983	ug/l	98
8) Diethyl Ether	3.959	74	25104	15.808	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	47903	18.501	ug/l	99
10) Methyl Iodide	4.589	142	54420	18.353	ug/l	99
11) Tert butyl alcohol	5.506	59	29340	73.826	ug/l	99
12) 1,1-Dichloroethene	4.342	96	41203	17.856	ug/l	99
13) Acrolein	4.171	56	45939	84.678	ug/l	99
14) Allyl chloride	5.018	41	63544	16.970	ug/l	100
15) Acrylonitrile	5.706	53	101615	80.498	ug/l	98
16) Acetone	4.424	43	86529	77.160	ug/l	99
17) Carbon Disulfide	4.712	76	114268	16.083	ug/l	99
18) Methyl Acetate	5.018	43	58590	17.182	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	135902	18.138	ug/l	99
20) Methylene Chloride	5.271	84	48013	17.295	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	43841	17.777	ug/l	98
22) Diisopropyl ether	6.659	45	155160	18.669	ug/l	98
23) Vinyl Acetate	6.594	43	503496	86.566	ug/l	99
24) 1,1-Dichloroethane	6.565	63	91674	18.090	ug/l	98
25) 2-Butanone	7.477	43	129190	78.284	ug/l	96
26) 2,2-Dichloropropane	7.483	77	81745	19.951	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	51206	17.629	ug/l	99
28) Bromochloromethane	7.812	49	43136	18.296	ug/l	97
29) Tetrahydrofuran	7.830	42	86711	82.876	ug/l	99
30) Chloroform	7.959	83	95670	18.266	ug/l	98
31) Cyclohexane	8.253	56	76624	17.396	ug/l	91
32) 1,1,1-Trichloroethane	8.159	97	83041	18.075	ug/l	99
36) 1,1-Dichloropropene	8.365	75	61598	17.730	ug/l	99
37) Ethyl Acetate	7.553	43	55974	15.962	ug/l	97
38) Carbon Tetrachloride	8.359	117	73485	18.475	ug/l	100
39) Methylcyclohexane	9.594	83	59653	18.272	ug/l	97
40) Benzene	8.600	78	192641	18.454	ug/l	99

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41) Methacrylonitrile	7.765	41	29880	16.377	ug/l	98
42) 1,2-Dichloroethane	8.665	62	72351	18.402	ug/l	100
43) Isopropyl Acetate	8.683	43	95138	16.931	ug/l	100
44) Trichloroethene	9.347	130	44040	18.124	ug/l	98
45) 1,2-Dichloropropane	9.612	63	48126	18.049	ug/l	93
46) Dibromomethane	9.700	93	33489	17.406	ug/l	95
47) Bromodichloromethane	9.883	83	73348	18.712	ug/l	97
48) Methyl methacrylate	9.671	41	45226	17.885	ug/l	98
49) 1,4-Dioxane	9.688	88	13090	307.397	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	280332	85.973	ug/l	99
52) Toluene	10.624	92	116059	19.188	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	69997	18.896	ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	74620	18.859	ug/l	97
55) 1,1,2-Trichloroethane	11.006	97	43739	18.272	ug/l	98
56) Ethyl methacrylate	10.871	69	60360	16.322	ug/l	98
57) 1,3-Dichloropropane	11.159	76	75812	18.214	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	124782	82.145	ug/l	99
59) 2-Hexanone	11.188	43	192361	83.842	ug/l	99
60) Dibromochloromethane	11.353	129	52058	18.014	ug/l	98
61) 1,2-Dibromoethane	11.459	107	42573	17.867	ug/l	99
64) Tetrachloroethene	11.100	164	42245	19.870	ug/l	97
65) Chlorobenzene	11.888	112	124345	18.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.953	131	45761	18.250	ug/l	99
67) Ethyl Benzene	11.959	91	209379	18.816	ug/l	99
68) m/p-Xylenes	12.065	106	160840	39.109	ug/l	100
69) o-Xylene	12.394	106	72854	18.537	ug/l	97
70) Styrene	12.406	104	125359	19.273	ug/l	99
71) Bromoform	12.576	173	32945	18.362	ug/l #	99
73) Isopropylbenzene	12.688	105	190080	19.364	ug/l	100
74) N-amyl acetate	12.488	43	75825	17.185	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.929	83	59690	17.214	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	51150m	17.302	ug/l	
77) Bromobenzene	12.976	156	48842	19.044	ug/l	96
78) n-propylbenzene	13.029	91	229279	19.730	ug/l	100
79) 2-Chlorotoluene	13.118	91	145237	19.311	ug/l	100
80) 1,3,5-Trimethylbenzene	13.165	105	163992	20.225	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	19415	17.769	ug/l	91
82) 4-Chlorotoluene	13.218	91	149822	20.007	ug/l	100
83) tert-Butylbenzene	13.435	119	131542	19.318	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	165323	20.457	ug/l	98
85) sec-Butylbenzene	13.612	105	188724	19.998	ug/l	100
86) p-Isopropyltoluene	13.723	119	154546	19.666	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	89272	18.901	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	89179	18.216	ug/l	99
89) n-Butylbenzene	14.053	91	128520	18.983	ug/l	99
90) Hexachloroethane	14.329	117	31013	17.262	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	84292	17.892	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10559	16.676	ug/l	96
93) 1,2,4-Trichlorobenzene	15.382	180	37428	17.093	ug/l	96
94) Hexachlorobutadiene	15.494	225	21539	18.528	ug/l	100
95) Naphthalene	15.635	128	96766	14.810	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	37484	16.918	ug/l	100

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