

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085450.D
 Acq On : 15 Jan 2025 10:29
 Operator : JC\MD
 Sample : VN0115WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Quant Time: Jan 16 00:53:27 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 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	208834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	350038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	160496	47.611	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.220%		
35) Dibromofluoromethane	8.165	113	117791	48.506	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	10.559	98	434650	50.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.760%		
62) 4-Bromofluorobenzene	12.847	95	146069	49.491	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	53406	18.888	ug/l	97
3) Chloromethane	2.359	50	56766	18.542	ug/l	100
4) Vinyl Chloride	2.518	62	55927	18.175	ug/l	98
5) Bromomethane	2.959	94	34404	18.509	ug/l	93
6) Chloroethane	3.130	64	34817	17.847	ug/l	99
7) Trichlorofluoromethane	3.500	101	83471	18.695	ug/l	98
8) Diethyl Ether	3.959	74	26372	17.097	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	47665	18.954	ug/l	98
10) Methyl Iodide	4.589	142	52836	18.346	ug/l	94
11) Tert butyl alcohol	5.500	59	34842	90.264	ug/l	98
12) 1,1-Dichloroethene	4.347	96	41789	18.645	ug/l	97
13) Acrolein	4.177	56	57066	108.299	ug/l	99
14) Allyl chloride	5.024	41	64682	17.785	ug/l	98
15) Acrylonitrile	5.718	53	111192	90.690	ug/l	98
16) Acetone	4.424	43	95481	87.661	ug/l	97
17) Carbon Disulfide	4.712	76	120042	17.395	ug/l	99
18) Methyl Acetate	5.024	43	59306	17.906	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	136088	18.700	ug/l	100
20) Methylene Chloride	5.277	84	48956	18.156	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	44485	18.572	ug/l	95
22) Diisopropyl ether	6.665	45	156113	19.339	ug/l	99
23) Vinyl Acetate	6.600	43	540854	95.740	ug/l	100
24) 1,1-Dichloroethane	6.565	63	91537	18.597	ug/l	99
25) 2-Butanone	7.477	43	146109	91.155	ug/l	99
26) 2,2-Dichloropropane	7.488	77	81881	20.576	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	52626	18.654	ug/l	99
28) Bromochloromethane	7.806	49	39408	17.209	ug/l	99
29) Tetrahydrofuran	7.835	42	97170	95.619	ug/l	98
30) Chloroform	7.959	83	93604	18.400	ug/l	100
31) Cyclohexane	8.259	56	79144	18.500	ug/l	95
32) 1,1,1-Trichloroethane	8.159	97	83081	18.618	ug/l	97
36) 1,1-Dichloropropene	8.365	75	63125	18.521	ug/l	99
37) Ethyl Acetate	7.553	43	62310	18.113	ug/l	97
38) Carbon Tetrachloride	8.359	117	74287	19.039	ug/l	97
39) Methylcyclohexane	9.594	83	63410	19.799	ug/l	99
40) Benzene	8.600	78	196843	19.222	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	34152	19.082	ug/l	96
42) 1,2-Dichloroethane	8.665	62	72644	18.835	ug/l	100
43) Isopropyl Acetate	8.682	43	99545	18.059	ug/l	100
44) Trichloroethene	9.347	130	45825	19.224	ug/l	98
45) 1,2-Dichloropropane	9.618	63	49517	18.931	ug/l	96
46) Dibromomethane	9.706	93	34976	18.531	ug/l	99
47) Bromodichloromethane	9.882	83	75979	19.759	ug/l	96
48) Methyl methacrylate	9.676	41	47488	19.143	ug/l	98
49) 1,4-Dioxane	9.694	88	14354	343.615	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	304924	95.328	ug/l	100
52) Toluene	10.629	92	118985	20.053	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	69201	19.044	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	77467	19.958	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	44394	18.906	ug/l	99
56) Ethyl methacrylate	10.870	69	63560	17.379	ug/l	99
57) 1,3-Dichloropropane	11.159	76	78133	19.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	148732	99.810	ug/l	99
59) 2-Hexanone	11.194	43	217128	96.472	ug/l	98
60) Dibromochloromethane	11.353	129	54139	19.097	ug/l	99
61) 1,2-Dibromoethane	11.465	107	44253	18.932	ug/l	98
64) Tetrachloroethene	11.100	164	41267	20.068	ug/l	96
65) Chlorobenzene	11.888	112	127557	19.304	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	45645	18.821	ug/l	100
67) Ethyl Benzene	11.959	91	215448	20.019	ug/l	95
68) m/p-Xylenes	12.065	106	164329	41.314	ug/l	100
69) o-Xylene	12.394	106	76723	20.184	ug/l	98
70) Styrene	12.406	104	128074	20.358	ug/l	100
71) Bromoform	12.570	173	34422	19.837	ug/l #	99
73) Isopropylbenzene	12.694	105	196948	20.668	ug/l	100
74) N-amyl acetate	12.488	43	80290	18.746	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	62306	18.510	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	57678m	20.099	ug/l	
77) Bromobenzene	12.976	156	48006	19.283	ug/l	98
78) n-propylbenzene	13.029	91	234178	20.759	ug/l	99
79) 2-Chlorotoluene	13.123	91	148584	20.351	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	167516	21.282	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	20052m	18.905	ug/l	
82) 4-Chlorotoluene	13.217	91	148888	20.481	ug/l	100
83) tert-Butylbenzene	13.435	119	137144	20.748	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	168611	21.493	ug/l	97
85) sec-Butylbenzene	13.611	105	193667	21.140	ug/l	99
86) p-Isopropyltoluene	13.729	119	158593	20.730	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	89998	19.629	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	88968	18.721	ug/l	99
89) n-Butylbenzene	14.053	91	132410	20.147	ug/l	99
90) Hexachloroethane	14.329	117	32875	18.850	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	86586	18.933	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10904	17.740	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	38461	18.095	ug/l	98
94) Hexachlorobutadiene	15.500	225	21171	18.761	ug/l	98
95) Naphthalene	15.635	128	104770	16.518	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	38077	17.704	ug/l	99

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

