

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085593.D
 Acq On : 31 Jan 2025 11:06
 Operator : JC\MD
 Sample : VN0131WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Quant Time: Jan 31 22:24:34 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 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	192673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156371	50.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.560%			
35) Dibromofluoromethane	8.165	113	116861	52.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.000%			
50) Toluene-d8	10.565	98	423886	53.598	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.200%			
62) 4-Bromofluorobenzene	12.847	95	137397	50.788	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41293	15.829	ug/l	99
3) Chloromethane	2.359	50	43303	15.331	ug/l	97
4) Vinyl Chloride	2.512	62	47683	16.795	ug/l	89
5) Bromomethane	2.959	94	30192	17.605	ug/l	89
6) Chloroethane	3.124	64	31734	17.631	ug/l	90
7) Trichlorofluoromethane	3.495	101	74659	18.124	ug/l	91
8) Diethyl Ether	3.959	74	23279	16.358	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	43198	18.618	ug/l	99
10) Methyl Iodide	4.589	142	46104	17.352	ug/l	94
11) Tert butyl alcohol	5.512	59	35618	100.014	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	35063	16.956	ug/l	99
13) Acrolein	4.183	56	30327	62.382	ug/l	95
14) Allyl chloride	5.018	41	54768	16.322	ug/l	99
15) Acrylonitrile	5.718	53	109503	96.803	ug/l	99
16) Acetone	4.424	43	96448	95.976	ug/l	94
17) Carbon Disulfide	4.712	76	89788	14.103	ug/l	97
18) Methyl Acetate	5.018	43	65797	21.532	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	126200	18.795	ug/l	97
20) Methylene Chloride	5.271	84	45794	18.408	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	38369	17.362	ug/l	93
22) Diisopropyl ether	6.671	45	143433	19.259	ug/l	97
23) Vinyl Acetate	6.600	43	475426	91.217	ug/l	100
24) 1,1-Dichloroethane	6.571	63	86655	19.082	ug/l	100
25) 2-Butanone	7.483	43	143410	96.976	ug/l	98
26) 2,2-Dichloropropane	7.483	77	75360	20.525	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	45788	17.591	ug/l	96
28) Bromochloromethane	7.812	49	41206	19.503	ug/l	100
29) Tetrahydrofuran	7.835	42	91268	97.344	ug/l	99
30) Chloroform	7.965	83	89934	19.161	ug/l	95
31) Cyclohexane	8.253	56	60554	15.341	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	78856	19.154	ug/l	98
36) 1,1-Dichloropropene	8.371	75	56124	17.965	ug/l	97
37) Ethyl Acetate	7.559	43	59547	18.884	ug/l	99
38) Carbon Tetrachloride	8.359	117	68090	19.038	ug/l	98
39) Methylcyclohexane	9.600	83	47355	16.131	ug/l	95
40) Benzene	8.606	78	176989	18.856	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	33484	20.411	ug/l	95
42) 1,2-Dichloroethane	8.671	62	69061	19.535	ug/l	100
43) Isopropyl Acetate	8.682	43	102099	20.207	ug/l	99
44) Trichloroethene	9.347	130	39952	18.285	ug/l	98
45) 1,2-Dichloropropane	9.618	63	45593	19.016	ug/l	99
46) Dibromomethane	9.706	93	33666	19.460	ug/l	99
47) Bromodichloromethane	9.888	83	71425	20.265	ug/l	96
48) Methyl methacrylate	9.677	41	45383	19.959	ug/l	98
49) 1,4-Dioxane	9.694	88	14866	388.248	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	312333	106.528	ug/l	99
52) Toluene	10.629	92	106928	19.660	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	65874	19.777	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	68879	19.360	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	44068	20.474	ug/l	97
56) Ethyl methacrylate	10.871	69	59018	17.580	ug/l	97
57) 1,3-Dichloropropane	11.159	76	75438	20.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	103394	75.697	ug/l	98
59) 2-Hexanone	11.194	43	223307	108.244	ug/l	97
60) Dibromochloromethane	11.353	129	51998	20.010	ug/l	98
61) 1,2-Dibromoethane	11.471	107	41782	19.501	ug/l	99
64) Tetrachloroethene	11.100	164	39360	20.154	ug/l	97
65) Chlorobenzene	11.888	112	118461	18.877	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	45402	19.712	ug/l	99
67) Ethyl Benzene	11.959	91	189996	18.588	ug/l	100
68) m/p-Xylenes	12.070	106	150545	39.852	ug/l	97
69) o-Xylene	12.394	106	68176	18.885	ug/l	99
70) Styrene	12.406	104	113181	18.944	ug/l	97
71) Bromoform	12.576	173	33682	20.438	ug/l #	100
73) Isopropylbenzene	12.694	105	176447	19.299	ug/l	99
74) N-ethyl acetate	12.488	43	77354	18.824	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	64490	19.969	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	52234m	18.971	ug/l	
77) Bromobenzene	12.976	156	45326	18.976	ug/l	98
78) n-propylbenzene	13.035	91	211911	19.579	ug/l	100
79) 2-Chlorotoluene	13.123	91	135337	19.320	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	151009	19.996	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19703	19.361	ug/l	99
82) 4-Chlorotoluene	13.217	91	134471	19.280	ug/l	99
83) tert-Butylbenzene	13.435	119	118897	18.748	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	150071	19.938	ug/l	100
85) sec-Butylbenzene	13.612	105	169773	19.315	ug/l	99
86) p-Isopropyltoluene	13.729	119	135685	18.592	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	83123	18.896	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	85651	18.785	ug/l	97
89) n-Butylbenzene	14.053	91	111994	17.761	ug/l	100
90) Hexachloroethane	14.329	117	31211	18.652	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	79551	18.130	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11200	18.991	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	34537	16.935	ug/l	97
94) Hexachlorobutadiene	15.500	225	19804	18.291	ug/l	99
95) Naphthalene	15.641	128	96159	15.801	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36004	17.448	ug/l	97

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