

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085594.D
 Acq On : 31 Jan 2025 11:39
 Operator : JC\MD
 Sample : VN0131WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

Quant Time: Jan 31 22:25:28 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	170842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146607	53.162	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.320%			
35) Dibromofluoromethane	8.165	113	107584	53.178	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.360%			
50) Toluene-d8	10.565	98	374675	52.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.260%			
62) 4-Bromofluorobenzene	12.847	95	130847	53.215	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38099	16.471	ug/l	100
3) Chloromethane	2.359	50	41483	16.563	ug/l	96
4) Vinyl Chloride	2.512	62	43379	17.232	ug/l	97
5) Bromomethane	2.959	94	27138	17.847	ug/l	92
6) Chloroethane	3.130	64	29949	18.765	ug/l	94
7) Trichlorofluoromethane	3.501	101	67983	18.612	ug/l	99
8) Diethyl Ether	3.965	74	23399	18.543	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	40081	19.482	ug/l	100
10) Methyl Iodide	4.589	142	46082	19.559	ug/l	98
11) Tert butyl alcohol	5.518	59	36797	116.527	ug/l	100
12) 1,1-Dichloroethene	4.348	96	33138	18.073	ug/l	90
13) Acrolein	4.177	56	32299	74.928	ug/l	100
14) Allyl chloride	5.024	41	52879	17.773	ug/l	98
15) Acrylonitrile	5.712	53	112978	112.638	ug/l	100
16) Acetone	4.430	43	98420	110.454	ug/l	99
17) Carbon Disulfide	4.706	76	83044	14.710	ug/l	96
18) Methyl Acetate	5.018	43	66636	24.593	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	127597	21.432	ug/l	100
20) Methylene Chloride	5.271	84	43643	19.785	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	35923	18.333	ug/l	96
22) Diisopropyl ether	6.671	45	141569	21.438	ug/l	99
23) Vinyl Acetate	6.600	43	494432	106.985	ug/l	99
24) 1,1-Dichloroethane	6.565	63	83257	20.676	ug/l	100
25) 2-Butanone	7.477	43	146709	111.884	ug/l	97
26) 2,2-Dichloropropane	7.489	77	69887	21.467	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	46577	20.181	ug/l	98
28) Bromochloromethane	7.812	49	40972	21.871	ug/l	99
29) Tetrahydrofuran	7.836	42	94383	113.531	ug/l	99
30) Chloroform	7.965	83	86579	20.804	ug/l	97
31) Cyclohexane	8.253	56	58088	16.597	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	72352	19.820	ug/l	94
36) 1,1-Dichloropropene	8.371	75	51402	18.103	ug/l	99
37) Ethyl Acetate	7.559	43	62903	21.949	ug/l	97
38) Carbon Tetrachloride	8.359	117	62612	19.262	ug/l	98
39) Methylcyclohexane	9.600	83	44653	16.736	ug/l	99
40) Benzene	8.600	78	165782	19.432	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32075	21.512	ug/l	96
42) 1,2-Dichloroethane	8.671	62	68576	21.342	ug/l	98
43) Isopropyl Acetate	8.688	43	101965	22.204	ug/l	99
44) Trichloroethene	9.347	130	37559	18.913	ug/l	90
45) 1,2-Dichloropropane	9.618	63	44141	20.256	ug/l	100
46) Dibromomethane	9.712	93	32921	20.937	ug/l	99
47) Bromodichloromethane	9.882	83	69434	21.675	ug/l #	98
48) Methyl methacrylate	9.677	41	44798	21.677	ug/l	99
49) 1,4-Dioxane	9.694	88	14929	428.980	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	312143	117.136	ug/l	99
52) Toluene	10.629	92	102996	20.836	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	63224	20.885	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	69645	21.537	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	43870	22.425	ug/l	97
56) Ethyl methacrylate	10.871	69	60017	19.440	ug/l	96
57) 1,3-Dichloropropane	11.159	76	73415	21.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	110235	88.796	ug/l	100
59) 2-Hexanone	11.194	43	225189	120.099	ug/l	99
60) Dibromochloromethane	11.359	129	51298	21.720	ug/l	98
61) 1,2-Dibromoethane	11.465	107	41427	21.274	ug/l	98
64) Tetrachloroethene	11.100	164	36529	20.578	ug/l	99
65) Chlorobenzene	11.888	112	113226	19.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	42230	20.171	ug/l	99
67) Ethyl Benzene	11.965	91	179492	19.320	ug/l	99
68) m/p-Xylenes	12.071	106	139208	40.542	ug/l	99
69) o-Xylene	12.394	106	64375	19.618	ug/l	98
70) Styrene	12.406	104	111627	20.555	ug/l	99
71) Bromoform	12.576	173	33846	22.594	ug/l #	99
73) Isopropylbenzene	12.694	105	166281	19.672	ug/l	100
74) N-amyl acetate	12.488	43	78287	20.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	63591	21.297	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	52049m	20.447	ug/l	
77) Bromobenzene	12.976	156	44454	20.129	ug/l	98
78) n-propylbenzene	13.035	91	202101	20.197	ug/l	99
79) 2-Chlorotoluene	13.123	91	128406	19.827	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	140053	20.059	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22836	24.271	ug/l	86
82) 4-Chlorotoluene	13.218	91	129888	20.143	ug/l	99
83) tert-Butylbenzene	13.435	119	112298	19.153	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	141674	20.359	ug/l	99
85) sec-Butylbenzene	13.618	105	162740	20.026	ug/l	99
86) p-Isopropyltoluene	13.729	119	130871	19.356	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	80731	19.850	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	79386	18.832	ug/l	98
89) n-Butylbenzene	14.053	91	105667	18.125	ug/l	99
90) Hexachloroethane	14.329	117	30543	19.743	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	78528	19.357	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12261	22.487	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	34814	18.464	ug/l	96
94) Hexachlorobutadiene	15.500	225	18346	18.327	ug/l	97
95) Naphthalene	15.641	128	101833	18.099	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36018	18.879	ug/l	99

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

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