

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010625\
 Data File : VN085385.D
 Acq On : 06 Jan 2025 13:19
 Operator : JC\MD
 Sample : VN0106WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106WBSD01

Quant Time: Jan 07 00:38:21 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/07/2025
 Supervised By : Mahesh Dadoda 01/07/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129007	55.898	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.800%
35) Dibromofluoromethane	8.165	113	97267	54.731	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.460%
50) Toluene-d8	10.565	98	341104	52.305	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.847	95	112887	52.122	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45703	20.884	ug/l	99
3) Chloromethane	2.359	50	46912	19.073	ug/l	97
4) Vinyl Chloride	2.512	62	46796	17.990	ug/l	97
5) Bromomethane	2.965	94	28281	16.624	ug/l	97
6) Chloroethane	3.124	64	29948	18.154	ug/l #	86
7) Trichlorofluoromethane	3.501	101	68053	19.902	ug/l	97
8) Diethyl Ether	3.959	74	22888	20.216	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	38670	19.875	ug/l	96
10) Methyl Iodide	4.589	142	40349	17.920	ug/l	94
11) Tert butyl alcohol	5.506	59	27386	94.762	ug/l	97
12) 1,1-Dichloroethene	4.342	96	34687	19.290	ug/l	95
13) Acrolein	4.177	56	37340	82.874	ug/l	99
14) Allyl chloride	5.018	41	53409	18.559	ug/l	98
15) Acrylonitrile	5.712	53	97407	107.090	ug/l	99
16) Acetone	4.424	43	81334	107.173	ug/l	99
17) Carbon Disulfide	4.712	76	106155	19.406	ug/l	99
18) Methyl Acetate	5.024	43	51378	22.113	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	115842	19.820	ug/l	97
20) Methylene Chloride	5.271	84	42028	20.589	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	38578	20.538	ug/l	98
22) Diisopropyl ether	6.671	45	132142	21.308	ug/l	97
23) Vinyl Acetate	6.600	43	484354	107.962	ug/l	98
24) 1,1-Dichloroethane	6.565	63	76616	20.509	ug/l	97
25) 2-Butanone	7.477	43	123729	105.091	ug/l	95
26) 2,2-Dichloropropane	7.489	77	65396	19.981	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	44359	20.121	ug/l	95
28) Bromochloromethane	7.806	49	37153	21.401	ug/l #	99
29) Tetrahydrofuran	7.836	42	84194	111.016	ug/l	95
30) Chloroform	7.959	83	76748	20.082	ug/l	96
31) Cyclohexane	8.253	56	66279	19.430	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	66635	19.523	ug/l	94
36) 1,1-Dichloropropene	8.365	75	51629	19.842	ug/l	100
37) Ethyl Acetate	7.553	43	53201	20.570	ug/l	98
38) Carbon Tetrachloride	8.359	117	58775	20.723	ug/l	98
39) Methylcyclohexane	9.600	83	50971	18.880	ug/l	97
40) Benzene	8.600	78	166000	21.100	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	28271	21.344	ug/l	98
42) 1,2-Dichloroethane	8.665	62	58867	20.870	ug/l	99
43) Isopropyl Acetate	8.683	43	91165	21.407	ug/l	98
44) Trichloroethene	9.347	130	36227	19.450	ug/l	98
45) 1,2-Dichloropropane	9.618	63	42464	21.263	ug/l	98
46) Dibromomethane	9.706	93	29302	21.097	ug/l	97
47) Bromodichloromethane	9.882	83	61274	21.225	ug/l	99
48) Methyl methacrylate	9.677	41	41658	22.544	ug/l	94
49) 1,4-Dioxane	9.694	88	11914	427.327	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	266526	111.369	ug/l	100
52) Toluene	10.630	92	99289	21.196	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	58052	20.449	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	63903	20.816	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	38902	21.996	ug/l	98
56) Ethyl methacrylate	10.871	69	54005	20.967	ug/l	96
57) 1,3-Dichloropropane	11.159	76	66806	21.522	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.153	63	115437	92.631	ug/l	99
59) 2-Hexanone	11.194	43	186947	112.591	ug/l	98
60) Dibromochloromethane	11.353	129	44508	22.343	ug/l	99
61) 1,2-Dibromoethane	11.465	107	38065	21.755	ug/l	96
64) Tetrachloroethene	11.100	164	31846	20.507	ug/l	96
65) Chlorobenzene	11.888	112	107116	20.225	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	38600	21.715	ug/l	98
67) Ethyl Benzene	11.959	91	177683	20.173	ug/l	99
68) m/p-Xylenes	12.065	106	137681	42.714	ug/l	99
69) o-Xylene	12.394	106	64348	20.637	ug/l	98
70) Styrene	12.406	104	110317	21.829	ug/l	99
71) Bromoform	12.576	173	27769	22.555	ug/l #	97
73) Isopropylbenzene	12.694	105	157428	19.849	ug/l	99
74) N-amyl acetate	12.494	43	72811	21.447	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	55241	21.869	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	42966m	20.861	ug/l	
77) Bromobenzene	12.976	156	40020	20.366	ug/l	97
78) n-propylbenzene	13.029	91	190635	20.620	ug/l	99
79) 2-Chlorotoluene	13.123	91	120964	20.790	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	135053	21.052	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17421	20.257	ug/l	96
82) 4-Chlorotoluene	13.218	91	119932	20.466	ug/l	98
83) tert-Butylbenzene	13.435	119	108551	19.533	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	136951	21.439	ug/l	100
85) sec-Butylbenzene	13.612	105	155137	20.112	ug/l	99
86) p-Isopropyltoluene	13.723	119	125147	18.945	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	71255	20.003	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	71731	19.603	ug/l	98
89) n-Butylbenzene	14.053	91	103799	18.376	ug/l	98
90) Hexachloroethane	14.329	117	26108	20.648	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	68380	20.151	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.712	75	9135	20.319	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	29773	17.580	ug/l	96
94) Hexachlorobutadiene	15.494	225	14964	17.783	ug/l	97
95) Naphthalene	15.635	128	89332	15.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	30358	17.941	ug/l	98

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

