

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010625\
 Data File : VN085383.D
 Acq On : 06 Jan 2025 12:32
 Operator : JC\MD
 Sample : VN0106WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jan 07 00:21:06 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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	155672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115221	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	122948	55.374	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.740%
35) Dibromofluoromethane	8.165	113	94269	54.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.560%
50) Toluene-d8	10.565	98	340365	53.895	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.800%
62) 4-Bromofluorobenzene	12.847	95	114102	54.402	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47198	22.418	ug/l	99
3) Chloromethane	2.359	50	48188	20.365	ug/l	98
4) Vinyl Chloride	2.512	62	49655	19.842	ug/l	89
5) Bromomethane	2.965	94	28333	17.311	ug/l	91
6) Chloroethane	3.124	64	31883	20.090	ug/l	89
7) Trichlorofluoromethane	3.506	101	70076	21.302	ug/l	95
8) Diethyl Ether	3.965	74	22158	20.343	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	39205	20.945	ug/l	95
10) Methyl Iodide	4.594	142	39168	18.082	ug/l	98
11) Tert butyl alcohol	5.512	59	26386	94.903	ug/l	99
12) 1,1-Dichloroethene	4.342	96	36101	20.869	ug/l	95
13) Acrolein	4.177	56	31985	73.788	ug/l	99
14) Allyl chloride	5.024	41	55743	20.134	ug/l	99
15) Acrylonitrile	5.712	53	92470	105.672	ug/l	100
16) Acetone	4.424	43	75505	103.417	ug/l	99
17) Carbon Disulfide	4.718	76	113514	21.569	ug/l	99
18) Methyl Acetate	5.024	43	47519	21.259	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	111753	19.875	ug/l	97
20) Methylene Chloride	5.271	84	43014	21.903	ug/l	93
21) trans-1,2-Dichloroethene	5.788	96	38870	21.510	ug/l	90
22) Diisopropyl ether	6.665	45	131416	22.027	ug/l	96
23) Vinyl Acetate	6.600	43	455232	105.473	ug/l	98
24) 1,1-Dichloroethane	6.565	63	79441	22.104	ug/l	98
25) 2-Butanone	7.477	43	118006	104.183	ug/l	99
26) 2,2-Dichloropropane	7.488	77	66455	21.105	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	45063	21.246	ug/l	96
28) Bromochloromethane	7.806	49	38546	23.079	ug/l #	98
29) Tetrahydrofuran	7.835	42	79739	109.289	ug/l	96
30) Chloroform	7.959	83	78318	21.301	ug/l	98
31) Cyclohexane	8.253	56	67592	20.596	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	68618	20.897	ug/l	99
36) 1,1-Dichloropropene	8.365	75	55678	22.096	ug/l	98
37) Ethyl Acetate	7.559	43	51657	20.625	ug/l	98
38) Carbon Tetrachloride	8.359	117	60689	22.096	ug/l	94
39) Methylcyclohexane	9.600	83	54407	20.810	ug/l	98
40) Benzene	8.600	78	174420	22.894	ug/l	99

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41) Methacrylonitrile	7.777	41	26863	20.943	ug/l	97
42) 1,2-Dichloroethane	8.665	62	60657	22.207	ug/l	99
43) Isopropyl Acetate	8.688	43	85399	20.708	ug/l	99
44) Trichloroethene	9.347	130	38524	21.358	ug/l	95
45) 1,2-Dichloropropane	9.618	63	42380	21.913	ug/l	98
46) Dibromomethane	9.706	93	29753	22.121	ug/l	99
47) Bromodichloromethane	9.882	83	62524	22.365	ug/l #	99
48) Methyl methacrylate	9.676	41	38633	21.589	ug/l	97
49) 1,4-Dioxane	9.694	88	11500	425.939	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	255790	110.371	ug/l	99
52) Toluene	10.623	92	103485	22.813	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	58785	21.382	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	65387	21.995	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	37275	21.764	ug/l	97
56) Ethyl methacrylate	10.871	69	53008	21.251	ug/l	97
57) 1,3-Dichloropropane	11.159	76	66585	22.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	112456	93.184	ug/l	100
59) 2-Hexanone	11.194	43	180194	112.066	ug/l	97
60) Dibromochloromethane	11.353	129	43862	22.738	ug/l	99
61) 1,2-Dibromoethane	11.465	107	37104	21.898	ug/l	99
64) Tetrachloroethene	11.100	164	34199	21.747	ug/l	90
65) Chlorobenzene	11.888	112	110845	20.668	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	38724	21.513	ug/l	97
67) Ethyl Benzene	11.959	91	183256	20.546	ug/l	100
68) m/p-Xylenes	12.070	106	143956	44.104	ug/l	98
69) o-Xylene	12.394	106	64749	20.506	ug/l	96
70) Styrene	12.406	104	109940	21.483	ug/l	100
71) Bromoform	12.576	173	27291	21.890	ug/l #	98
73) Isopropylbenzene	12.694	105	167024	20.158	ug/l	99
74) N-ethyl acetate	12.494	43	71253	20.091	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	53595	20.310	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	42807m	19.895	ug/l	
77) Bromobenzene	12.976	156	41665	20.297	ug/l	98
78) n-propylbenzene	13.035	91	204843	21.209	ug/l	98
79) 2-Chlorotoluene	13.123	91	125388	20.628	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	139365	20.795	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	16809	18.709	ug/l	88
82) 4-Chlorotoluene	13.217	91	127660	20.853	ug/l	98
83) tert-Butylbenzene	13.435	119	111770	19.253	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	141653	21.227	ug/l	97
85) sec-Butylbenzene	13.611	105	164087	20.362	ug/l	99
86) p-Isopropyltoluene	13.729	119	136236	19.715	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	77862	20.923	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	77273	20.215	ug/l	99
89) n-Butylbenzene	14.053	91	113361	19.211	ug/l	99
90) Hexachloroethane	14.335	117	28037	21.226	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	73225	20.656	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9359	19.927	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	31874	18.015	ug/l	99
94) Hexachlorobutadiene	15.500	225	16548	18.825	ug/l	96
95) Naphthalene	15.635	128	90447	15.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	31864	18.025	ug/l	98

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

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