

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085367.D
 Acq On : 31 Dec 2024 12:30
 Operator : JC\MD
 Sample : VN1231WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231WBSD01

Quant Time: Jan 01 02:05:12 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 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	158113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108988	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114065	50.580	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.160%	
35) Dibromofluoromethane	8.165	113	85972	50.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.040%	
50) Toluene-d8	10.565	98	318647	50.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	12.847	95	105088	50.171	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49015	22.922	ug/l	100
3) Chloromethane	2.359	50	47066	19.583	ug/l	99
4) Vinyl Chloride	2.512	62	48863	19.224	ug/l	97
5) Bromomethane	2.953	94	29274	17.610	ug/l	91
6) Chloroethane	3.118	64	31667	19.645	ug/l	92
7) Trichlorofluoromethane	3.494	101	68393	20.469	ug/l	100
8) Diethyl Ether	3.959	74	22921	20.718	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	40712	21.414	ug/l	99
10) Methyl Iodide	4.589	142	43366	19.711	ug/l	93
11) Tert butyl alcohol	5.530	59	34801	123.237	ug/l	99
12) 1,1-Dichloroethene	4.336	96	35514	20.212	ug/l	98
13) Acrolein	4.183	56	50640	115.021	ug/l	97
14) Allyl chloride	5.024	41	54781m	19.481	ug/l	
15) Acrylonitrile	5.718	53	108032	121.550	ug/l	99
16) Acetone	4.430	43	90129	121.541	ug/l	100
17) Carbon Disulfide	4.712	76	98906	18.504	ug/l	99
18) Methyl Acetate	5.024	43	56171	24.742	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	118718	20.788	ug/l	100
20) Methylene Chloride	5.271	84	41769	20.941	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	37510	20.437	ug/l	98
22) Diisopropyl ether	6.677	45	136221	22.479	ug/l	96
23) Vinyl Acetate	6.600	43	481568	109.853	ug/l	99
24) 1,1-Dichloroethane	6.565	63	77580	21.253	ug/l	98
25) 2-Butanone	7.482	43	142241	123.640	ug/l	97
26) 2,2-Dichloropropane	7.488	77	66807	20.890	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	45006	20.892	ug/l	97
28) Bromochloromethane	7.812	49	34174	20.145	ug/l #	99
29) Tetrahydrofuran	7.835	42	96156	129.755	ug/l	96
30) Chloroform	7.965	83	78295	20.966	ug/l	97
31) Cyclohexane	8.259	56	62980	18.894	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	68477	20.532	ug/l	97
36) 1,1-Dichloropropene	8.371	75	51178	20.337	ug/l	98
37) Ethyl Acetate	7.559	43	61241	24.484	ug/l	97
38) Carbon Tetrachloride	8.365	117	57956	21.129	ug/l	97
39) Methylcyclohexane	9.600	83	51116	19.577	ug/l	96
40) Benzene	8.600	78	166743	21.915	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31226	24.376	ug/l	98
42) 1,2-Dichloroethane	8.665	62	61314	22.477	ug/l	99
43) Isopropyl Acetate	8.688	43	98760	23.979	ug/l	96
44) Trichloroethene	9.353	130	36896	20.483	ug/l	96
45) 1,2-Dichloropropane	9.618	63	42138	21.817	ug/l	99
46) Dibromomethane	9.706	93	28743	21.398	ug/l	96
47) Bromodichloromethane	9.888	83	60555	21.690	ug/l	95
48) Methyl methacrylate	9.676	41	43885	24.556	ug/l	98
49) 1,4-Dioxane	9.694	88	14866	551.335	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	303197	130.999	ug/l	99
52) Toluene	10.629	92	99887	22.048	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	57766	21.040	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	63344	21.336	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	38625	22.582	ug/l	98
56) Ethyl methacrylate	10.870	69	57700	23.163	ug/l	96
57) 1,3-Dichloropropane	11.159	76	67168	22.374	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	112803	93.595	ug/l	97
59) 2-Hexanone	11.194	43	217792	135.627	ug/l	99
60) Dibromochloromethane	11.359	129	44867	23.289	ug/l	98
61) 1,2-Dibromoethane	11.465	107	37502	22.162	ug/l	99
64) Tetrachloroethene	11.100	164	32782	21.176	ug/l	98
65) Chlorobenzene	11.888	112	104918	19.873	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	38782	21.887	ug/l	96
67) Ethyl Benzene	11.965	91	179378	20.430	ug/l	97
68) m/p-Xylenes	12.070	106	135374	42.131	ug/l	97
69) o-Xylene	12.394	106	64136	20.634	ug/l	94
70) Styrene	12.412	104	108760	21.589	ug/l	99
71) Bromoform	12.576	173	28979	23.612	ug/l #	95
73) Isopropylbenzene	12.694	105	163129	20.814	ug/l	99
74) N-amyl acetate	12.494	43	80411	23.969	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	58621	23.485	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	47140m	23.162	ug/l	
77) Bromobenzene	12.976	156	39844	20.520	ug/l	97
78) n-propylbenzene	13.035	91	198442	21.722	ug/l	99
79) 2-Chlorotoluene	13.123	91	121056	21.055	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	134985	21.293	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18862	22.195	ug/l	93
82) 4-Chlorotoluene	13.217	91	122669	21.184	ug/l	100
83) tert-Butylbenzene	13.435	119	115893	21.104	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	137320	21.754	ug/l	99
85) sec-Butylbenzene	13.617	105	159792	20.963	ug/l	98
86) p-Isopropyltoluene	13.729	119	130780	19.998	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	71998	20.454	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	72657	20.094	ug/l	99
89) n-Butylbenzene	14.053	91	109731	19.659	ug/l	99
90) Hexachloroethane	14.329	117	27517	22.023	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	69551	20.741	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10817	24.349	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	32631	19.498	ug/l	99
94) Hexachlorobutadiene	15.500	225	15805	19.008	ug/l	97
95) Naphthalene	15.641	128	108904	19.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33123	19.809	ug/l	100

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

