

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085405.D
 Acq On : 09 Jan 2025 13:40
 Operator : JC\MD
 Sample : VN0109WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0109WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 10 00:18:35 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	159344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	239248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109836	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115789	50.948	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.900%
35) Dibromofluoromethane	8.159	113	87989	50.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.700%
50) Toluene-d8	10.565	98	316168	49.793	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.847	95	105832	50.187	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43754	20.303	ug/l	94
3) Chloromethane	2.359	50	44130	18.220	ug/l	95
4) Vinyl Chloride	2.512	62	44847	17.508	ug/l	92
5) Bromomethane	2.959	94	27958	16.689	ug/l	94
6) Chloroethane	3.124	64	28082	17.287	ug/l	99
7) Trichlorofluoromethane	3.506	101	64606	19.187	ug/l	96
8) Diethyl Ether	3.959	74	22840	20.486	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	37526	19.586	ug/l	97
10) Methyl Iodide	4.589	142	40411	18.226	ug/l	96
11) Tert butyl alcohol	5.512	59	27266	95.808	ug/l	98
12) 1,1-Dichloroethene	4.347	96	34692	19.592	ug/l	96
13) Acrolein	4.177	56	37089	83.592	ug/l	98
14) Allyl chloride	5.018	41	55555	19.603	ug/l	98
15) Acrylonitrile	5.712	53	92508	103.279	ug/l	99
16) Acetone	4.418	43	75890	101.549	ug/l	99
17) Carbon Disulfide	4.712	76	104320	19.366	ug/l	99
18) Methyl Acetate	5.018	43	48196	21.065	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	115935	20.144	ug/l	98
20) Methylene Chloride	5.271	84	41335	20.563	ug/l #	88
21) trans-1,2-Dichloroethene	5.783	96	35956	19.439	ug/l	95
22) Diisopropyl ether	6.665	45	130504	21.370	ug/l	98
23) Vinyl Acetate	6.594	43	465775	105.429	ug/l	98
24) 1,1-Dichloroethane	6.565	63	74642	20.290	ug/l	98
25) 2-Butanone	7.477	43	117511	101.355	ug/l	100
26) 2,2-Dichloropropane	7.482	77	63134	19.589	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	42816	19.721	ug/l	95
28) Bromochloromethane	7.812	49	35546	20.792	ug/l #	98
29) Tetrahydrofuran	7.835	42	79235	106.096	ug/l	97
30) Chloroform	7.959	83	75078	19.949	ug/l	94
31) Cyclohexane	8.247	56	63267	18.834	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	64647	19.234	ug/l	95
36) 1,1-Dichloropropene	8.365	75	51703	20.408	ug/l	99
37) Ethyl Acetate	7.553	43	54419	21.610	ug/l	98
38) Carbon Tetrachloride	8.359	117	56916	20.610	ug/l	96
39) Methylcyclohexane	9.594	83	50962	19.387	ug/l	98
40) Benzene	8.600	78	162757	21.248	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28047	21.748	ug/l	97
42) 1,2-Dichloroethane	8.665	62	58427	21.275	ug/l	98
43) Isopropyl Acetate	8.682	43	86030	20.748	ug/l	99
44) Trichloroethene	9.341	130	34983	19.290	ug/l	98
45) 1,2-Dichloropropane	9.618	63	41092	21.132	ug/l	97
46) Dibromomethane	9.706	93	28309	20.933	ug/l	99
47) Bromodichloromethane	9.882	83	58564	20.836	ug/l #	98
48) Methyl methacrylate	9.676	41	39988	22.226	ug/l	97
49) 1,4-Dioxane	9.694	88	11098	408.828	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	252309	108.280	ug/l	99
52) Toluene	10.623	92	96640	21.189	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	57331	20.741	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	62983	21.072	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	36650	21.283	ug/l	97
56) Ethyl methacrylate	10.870	69	52168	20.801	ug/l	96
57) 1,3-Dichloropropane	11.159	76	65378	21.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	109000	89.832	ug/l	97
59) 2-Hexanone	11.194	43	176133	108.948	ug/l	98
60) Dibromochloromethane	11.353	129	42060	21.686	ug/l	97
61) 1,2-Dibromoethane	11.465	107	36234	21.269	ug/l	100
64) Tetrachloroethene	11.100	164	31219	20.593	ug/l	98
65) Chlorobenzene	11.888	112	102665	19.857	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	35587	20.509	ug/l	99
67) Ethyl Benzene	11.959	91	171624	19.961	ug/l	99
68) m/p-Xylenes	12.070	106	131426	41.768	ug/l	100
69) o-Xylene	12.394	106	60937	20.020	ug/l	96
70) Styrene	12.406	104	102694	20.817	ug/l	100
71) Bromoform	12.576	173	25619	21.317	ug/l #	100
73) Isopropylbenzene	12.694	105	155710	19.714	ug/l	99
74) N-ethyl acetate	12.488	43	70087	20.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	51139	20.329	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	39734m	19.372	ug/l	
77) Bromobenzene	12.976	156	37662	19.246	ug/l	98
78) n-propylbenzene	13.029	91	183922	19.977	ug/l	99
79) 2-Chlorotoluene	13.123	91	115716	19.970	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	129791	20.316	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	16711m	19.512	ug/l	
82) 4-Chlorotoluene	13.217	91	114837	19.678	ug/l	100
83) tert-Butylbenzene	13.435	119	107771	19.474	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	129906	20.421	ug/l	99
85) sec-Butylbenzene	13.611	105	153321	19.959	ug/l	100
86) p-Isopropyltoluene	13.723	119	122993	18.705	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	70008	19.735	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	70138	19.248	ug/l	99
89) n-Butylbenzene	14.053	91	107201	19.057	ug/l	98
90) Hexachloroethane	14.329	117	24286	19.287	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	66975	19.819	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.711	75	8591	19.189	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	31498	18.676	ug/l	98
94) Hexachlorobutadiene	15.500	225	14448	17.241	ug/l	94
95) Naphthalene	15.641	128	90598	15.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	31371	18.616	ug/l	97

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

