

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087207.D
 Acq On : 27 Jun 2025 09:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 23:38:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

06/30/2025
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 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	196333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	346797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129470	45.823	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.640%
35) Dibromofluoromethane	8.171	113	104042	46.404	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	10.565	98	417885	45.065	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.120%
62) 4-Bromofluorobenzene	12.847	95	143604	44.630	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.260%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	116658	47.417	ug/l	97
3) Chloromethane	2.395	50	121201	50.452	ug/l	94
4) Vinyl Chloride	2.554	62	113643	43.779	ug/l	99
5) Bromomethane	2.995	94	62379	44.777	ug/l	99
6) Chloroethane	3.154	64	61494	45.335	ug/l	99
7) Trichlorofluoromethane	3.536	101	167674	54.244	ug/l	98
8) Diethyl Ether	3.983	74	71317	51.867	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.406	101	99301	45.082	ug/l	99
10) Methyl Iodide	4.618	142	99810	51.864	ug/l	97
11) Tert butyl alcohol	5.536	59	131663	211.494	ug/l	100
12) 1,1-Dichloroethene	4.371	96	102065	44.316	ug/l	95
13) Acrolein	4.201	56	138954	270.714	ug/l	100
14) Allyl chloride	5.048	41	173683	46.917	ug/l	98
15) Acrylonitrile	5.730	53	384952	236.110	ug/l	100
16) Acetone	4.436	43	373760	285.252	ug/l	97
17) Carbon Disulfide	4.736	76	331888	50.801	ug/l	99
18) Methyl Acetate	5.048	43	150069	43.903	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	383305	48.319	ug/l	98
20) Methylene Chloride	5.295	84	120711	48.959	ug/l #	91
21) trans-1,2-Dichloroethene	5.806	96	117261	45.907	ug/l	99
22) Diisopropyl ether	6.683	45	361767	44.109	ug/l	98
23) Vinyl Acetate	6.612	43	1659880	226.317	ug/l	99
24) 1,1-Dichloroethane	6.583	63	215952	44.581	ug/l	99
25) 2-Butanone	7.489	43	514135	240.013	ug/l	99
26) 2,2-Dichloropropane	7.494	77	193812	50.334	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	138030	46.476	ug/l	97
28) Bromochloromethane	7.818	49	86040	40.404	ug/l	97
29) Tetrahydrofuran	7.841	42	287188	204.483	ug/l	99
30) Chloroform	7.971	83	203922	44.630	ug/l	100
31) Cyclohexane	8.265	56	215254	49.210	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	183768	46.813	ug/l	98
36) 1,1-Dichloropropene	8.377	75	161861	49.287	ug/l	99
37) Ethyl Acetate	7.565	43	196374	46.251	ug/l	99
38) Carbon Tetrachloride	8.365	117	153424	47.969	ug/l	99
39) Methylcyclohexane	9.600	83	196302	48.992	ug/l	99
40) Benzene	8.612	78	494684	48.751	ug/l	99

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Quant Title : SW846 8260

QLast Update : Fri Jun 27 05:55:21 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	87935	40.913	ug/l	99
42) 1,2-Dichloroethane	8.677	62	157792	47.834	ug/l	99
43) Isopropyl Acetate	8.688	43	303852	50.327	ug/l	98
44) Trichloroethene	9.353	130	112317	46.230	ug/l	97
45) 1,2-Dichloropropane	9.624	63	124657	47.661	ug/l	99
46) Dibromomethane	9.712	93	79942	45.102	ug/l	99
47) Bromodichloromethane	9.888	83	169445	47.599	ug/l	99
48) Methyl methacrylate	9.683	41	130994	44.876	ug/l	94
49) 1,4-Dioxane	9.700	88	37532	762.909	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	972855	227.287	ug/l	100
52) Toluene	10.630	92	309441	47.702	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	192927	48.605	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	167609	39.686	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	109786	44.749	ug/l	98
56) Ethyl methacrylate	10.877	69	193089	46.613	ug/l	98
57) 1,3-Dichloropropane	11.165	76	192076	44.313	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	506119	226.389	ug/l	98
59) 2-Hexanone	11.200	43	579172	215.628	ug/l	99
60) Dibromochloromethane	11.359	129	112706	42.241	ug/l	99
61) 1,2-Dibromoethane	11.465	107	107071	41.287	ug/l	100
64) Tetrachloroethene	11.100	164	88713	54.333	ug/l	97
65) Chlorobenzene	11.888	112	286618	48.439	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	93305	49.367	ug/l	100
67) Ethyl Benzene	11.959	91	510538	51.734	ug/l	97
68) m/p-Xylenes	12.071	106	418462	110.822	ug/l	97
69) o-Xylene	12.394	106	191799	55.876	ug/l	98
70) Styrene	12.406	104	320979	54.480	ug/l	100
71) Bromoform	12.576	173	73630	52.493	ug/l #	99
73) Isopropylbenzene	12.694	105	479587	48.844	ug/l	100
74) N-amyl acetate	12.512	43	162605m	44.507	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	180170	50.947	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	154813m	47.840	ug/l	
77) Bromobenzene	12.976	156	119698	50.161	ug/l	96
78) n-propylbenzene	13.035	91	650266	53.770	ug/l	100
79) 2-Chlorotoluene	13.123	91	401018	53.267	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	456859	56.362	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	71679	49.713	ug/l #	80
82) 4-Chlorotoluene	13.218	91	411054	54.769	ug/l	100
83) tert-Butylbenzene	13.435	119	396989	57.016	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	460868	56.033	ug/l	100
85) sec-Butylbenzene	13.612	105	546098	53.236	ug/l	100
86) p-Isopropyltoluene	13.723	119	434432	51.637	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	229664	47.828	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	239538	48.517	ug/l	100
89) n-Butylbenzene	14.053	91	425725	54.463	ug/l	100
90) Hexachloroethane	14.329	117	84633	51.982	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	226384	50.057	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41245	51.091	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	122846	48.792	ug/l	100
94) Hexachlorobutadiene	15.494	225	35336	44.490	ug/l	98
95) Naphthalene	15.635	128	460407	48.202	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	111605	44.895	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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