

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086329.D
 Acq On : 17 Apr 2025 18:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 01:33:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	134818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	252196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	222106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100008	51.155	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.320%			
35) Dibromofluoromethane	8.165	113	61283	52.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.720%			
50) Toluene-d8	10.565	98	315615	50.453	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.847	95	117080	51.313	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69703	43.614	ug/l	99
3) Chloromethane	2.359	50	100203	43.141	ug/l	99
4) Vinyl Chloride	2.518	62	92319	41.651	ug/l	98
5) Bromomethane	2.953	94	47411	47.554	ug/l	96
6) Chloroethane	3.124	64	60316	40.660	ug/l	96
7) Trichlorofluoromethane	3.501	101	105060	42.791	ug/l	94
8) Diethyl Ether	3.959	74	44210	41.247	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	62123	41.827	ug/l	98
10) Methyl Iodide	4.595	142	81028	49.622	ug/l	96
11) Tert butyl alcohol	5.518	59	70461	197.534	ug/l	100
12) 1,1-Dichloroethene	4.342	96	66595	41.968	ug/l	97
13) Acrolein	4.183	56	39851	238.920	ug/l	97
14) Allyl chloride	5.018	41	109393	38.781	ug/l	99
15) Acrylonitrile	5.718	53	187835	213.017	ug/l	100
16) Acetone	4.424	43	146004	215.214	ug/l	96
17) Carbon Disulfide	4.712	76	184680	38.870	ug/l	97
18) Methyl Acetate	5.024	43	91725	39.086	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	233268	39.992	ug/l	98
20) Methylene Chloride	5.271	84	78310	43.329	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	70582	42.546	ug/l	94
22) Diisopropyl ether	6.671	45	233331	38.024	ug/l	97
23) Vinyl Acetate	6.600	43	944173	220.107	ug/l	99
24) 1,1-Dichloroethane	6.565	63	133830	41.335	ug/l	98
25) 2-Butanone	7.477	43	241901	198.789	ug/l	98
26) 2,2-Dichloropropane	7.483	77	112946	38.961	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	87037	42.271	ug/l	97
28) Bromochloromethane	7.812	49	59610	43.422	ug/l	94
29) Tetrahydrofuran	7.835	42	156294	192.071	ug/l	98
30) Chloroform	7.965	83	134594	42.318	ug/l	98
31) Cyclohexane	8.253	56	120039	37.888	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	114120	41.943	ug/l	100
36) 1,1-Dichloropropene	8.365	75	95905	41.023	ug/l	100
37) Ethyl Acetate	7.553	43	94357	38.337	ug/l	99
38) Carbon Tetrachloride	8.359	117	94233	42.326	ug/l	98
39) Methylcyclohexane	9.600	83	110941	39.925	ug/l	98
40) Benzene	8.600	78	310750	41.487	ug/l	98

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41) Methacrylonitrile	7.777	41	56481	39.595	ug/l	98
42) 1,2-Dichloroethane	8.665	62	100711	42.163	ug/l	99
43) Isopropyl Acetate	8.688	43	173966	38.851	ug/l	98
44) Trichloroethene	9.347	130	75503	42.529	ug/l	98
45) 1,2-Dichloropropane	9.618	63	74406	40.581	ug/l	97
46) Dibromomethane	9.706	93	51213	43.839	ug/l	98
47) Bromodichloromethane	9.882	83	106042	42.028	ug/l	98
48) Methyl methacrylate	9.677	41	81877	37.881	ug/l	98
49) 1,4-Dioxane	9.694	88	31036	844.171	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	490587	194.651	ug/l	98
52) Toluene	10.629	92	196124	41.963	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	117341	41.662	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	124479	40.239	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	71491	42.515	ug/l	96
56) Ethyl methacrylate	10.871	69	124383	40.241	ug/l	98
57) 1,3-Dichloropropane	11.159	76	126226	42.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	213846	145.763	ug/l	98
59) 2-Hexanone	11.188	43	364379	194.916	ug/l	100
60) Dibromochloromethane	11.359	129	77594	42.022	ug/l	98
61) 1,2-Dibromoethane	11.465	107	73686	43.428	ug/l	98
64) Tetrachloroethene	11.100	164	75597	44.249	ug/l	98
65) Chlorobenzene	11.888	112	208116	41.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	70107	42.874	ug/l	100
67) Ethyl Benzene	11.959	91	373730	41.784	ug/l	99
68) m/p-Xylenes	12.071	106	283321	84.537	ug/l	98
69) o-Xylene	12.394	106	141822	42.790	ug/l	98
70) Styrene	12.406	104	238372	43.164	ug/l	100
71) Bromoform	12.576	173	51269	41.644	ug/l #	99
73) Isopropylbenzene	12.694	105	342842	40.375	ug/l	99
74) N-amyl acetate	12.488	43	143869	34.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	96808	39.650	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	106525m	43.486	ug/l	
77) Bromobenzene	12.976	156	81116	43.113	ug/l	96
78) n-propylbenzene	13.029	91	404018	40.377	ug/l	100
79) 2-Chlorotoluene	13.123	91	257044	41.053	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	283175	40.745	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	43630	42.775	ug/l	87
82) 4-Chlorotoluene	13.217	91	255499	41.079	ug/l	99
83) tert-Butylbenzene	13.435	119	241577	40.115	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	287860	40.690	ug/l	100
85) sec-Butylbenzene	13.612	105	336010	40.226	ug/l	99
86) p-Isopropyltoluene	13.723	119	279323	40.570	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	150966	42.683	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	148864	41.787	ug/l	99
89) n-Butylbenzene	14.053	91	240107	39.345	ug/l	99
90) Hexachloroethane	14.329	117	44847	38.725	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	144859	42.244	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18924	38.440	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	64507	39.285	ug/l	99
94) Hexachlorobutadiene	15.494	225	24197	39.038	ug/l	99
95) Naphthalene	15.635	128	233407	40.100	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	60374	38.837	ug/l	97

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

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