

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086399.D
 Acq On : 28 Apr 2025 09:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 29 01:46:44 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	203221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	361401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131759	44.711	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.420%		
35) Dibromofluoromethane	8.159	113	74517	44.427	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.860%		
50) Toluene-d8	10.565	98	428796	47.833	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.660%		
62) 4-Bromofluorobenzene	12.847	95	162329	49.647	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	101259	42.033	ug/l	97
3) Chloromethane	2.359	50	135756	38.774	ug/l	99
4) Vinyl Chloride	2.512	62	133147	39.852	ug/l	99
5) Bromomethane	2.948	94	69731	46.399	ug/l	100
6) Chloroethane	3.118	64	90069	40.280	ug/l	97
7) Trichlorofluoromethane	3.495	101	161094	43.529	ug/l	96
8) Diethyl Ether	3.959	74	68155	42.185	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	100123	44.721	ug/l	99
10) Methyl Iodide	4.589	142	122792	49.887	ug/l	97
11) Tert butyl alcohol	5.512	59	102734	191.067	ug/l	99
12) 1,1-Dichloroethene	4.342	96	99997	41.807	ug/l	98
13) Acrolein	4.177	56	40561	156.110	ug/l	97
14) Allyl chloride	5.024	41	158627	37.306	ug/l	95
15) Acrylonitrile	5.712	53	278984	209.892	ug/l	100
16) Acetone	4.424	43	229417	224.589	ug/l	97
17) Carbon Disulfide	4.712	76	246856	34.468	ug/l	98
18) Methyl Acetate	5.018	43	161278	45.592	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	381389	43.377	ug/l	97
20) Methylene Chloride	5.277	84	117447	43.110	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	107916	43.155	ug/l	94
22) Diisopropyl ether	6.665	45	383343	41.444	ug/l	97
23) Vinyl Acetate	6.600	43	1247800	192.977	ug/l	98
24) 1,1-Dichloroethane	6.565	63	210084	43.046	ug/l	99
25) 2-Butanone	7.477	43	370093	201.764	ug/l	99
26) 2,2-Dichloropropane	7.488	77	196108	44.879	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	136363	43.935	ug/l	96
28) Bromochloromethane	7.812	49	91941	44.430	ug/l	95
29) Tetrahydrofuran	7.835	42	239560	195.304	ug/l	97
30) Chloroform	7.965	83	214312	44.702	ug/l	100
31) Cyclohexane	8.253	56	185451	38.832	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	187410	45.696	ug/l	99
36) 1,1-Dichloropropene	8.371	75	151440	45.204	ug/l	100
37) Ethyl Acetate	7.553	43	142382	40.369	ug/l	99
38) Carbon Tetrachloride	8.359	117	154399	48.395	ug/l	98
39) Methylcyclohexane	9.594	83	172320	43.275	ug/l	98
40) Benzene	8.600	78	484144	45.105	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	86596	42.363	ug/l	98
42) 1,2-Dichloroethane	8.665	62	159305	46.541	ug/l	100
43) Isopropyl Acetate	8.682	43	273327	42.882	ug/l	98
44) Trichloroethene	9.347	130	123530	48.556	ug/l	99
45) 1,2-Dichloropropane	9.618	63	117301	44.645	ug/l	100
46) Dibromomethane	9.706	93	80715	48.215	ug/l	97
47) Bromodichloromethane	9.882	83	174775	48.338	ug/l	97
48) Methyl methacrylate	9.677	41	129543	41.824	ug/l	96
49) 1,4-Dioxane	9.688	88	43002	816.210	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	794967	220.109	ug/l	99
52) Toluene	10.624	92	312453	46.652	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	194992	48.312	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	204017	46.022	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	116833	48.484	ug/l	97
56) Ethyl methacrylate	10.871	69	199743	45.095	ug/l	98
57) 1,3-Dichloropropane	11.159	76	200074	46.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	480329	228.472	ug/l	98
59) 2-Hexanone	11.188	43	578406	215.911	ug/l	99
60) Dibromochloromethane	11.353	129	131598	49.733	ug/l	100
61) 1,2-Dibromoethane	11.465	107	118152	48.593	ug/l	100
64) Tetrachloroethene	11.100	164	121603	47.912	ug/l	99
65) Chlorobenzene	11.888	112	340288	46.213	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	117230	48.259	ug/l	99
67) Ethyl Benzene	11.959	91	610451	45.942	ug/l	99
68) m/p-Xylenes	12.065	106	471248	94.651	ug/l	97
69) o-Xylene	12.394	106	233636	47.451	ug/l	97
70) Styrene	12.406	104	396886	48.377	ug/l	99
71) Bromoform	12.576	173	89753	49.074	ug/l #	99
73) Isopropylbenzene	12.694	105	580696	43.803	ug/l	100
74) N-amyl acetate	12.488	43	235090	35.621	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	156767	41.127	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	154584m	40.420	ug/l	
77) Bromobenzene	12.976	156	136005	46.301	ug/l	94
78) n-propylbenzene	13.029	91	688896	44.099	ug/l	100
79) 2-Chlorotoluene	13.123	91	429166	43.904	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	483973	44.604	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	68258	42.864	ug/l	93
82) 4-Chlorotoluene	13.217	91	434389	44.735	ug/l	99
83) tert-Butylbenzene	13.435	119	411099	43.726	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	493585	44.689	ug/l	100
85) sec-Butylbenzene	13.612	105	590037	45.245	ug/l	99
86) p-Isopropyltoluene	13.723	119	495660	46.112	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	262860	47.603	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	264598	47.574	ug/l	98
89) n-Butylbenzene	14.053	91	438457	46.019	ug/l	99
90) Hexachloroethane	14.329	117	83477	46.170	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	255726	47.767	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32270	41.986	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	121688	47.468	ug/l	99
94) Hexachlorobutadiene	15.494	225	45936	47.469	ug/l	100
95) Naphthalene	15.635	128	396024	43.579	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	112286	46.265	ug/l	99

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

