

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085526.D
 Acq On : 28 Jan 2025 09:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 29 00:33:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	203638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	333806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155713	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158323	48.164	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.320%
35) Dibromofluoromethane	8.159	113	118662	51.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	10.565	98	432537	52.569	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.140%
62) 4-Bromofluorobenzene	12.847	95	155870	55.379	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.760%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	126280	45.800	ug/l	98
3) Chloromethane	2.359	50	130825	43.823	ug/l	99
4) Vinyl Chloride	2.512	62	135494	45.155	ug/l	98
5) Bromomethane	2.948	94	79311	43.757	ug/l	98
6) Chloroethane	3.118	64	89399	46.993	ug/l	100
7) Trichlorofluoromethane	3.495	101	218167	50.109	ug/l	99
8) Diethyl Ether	3.959	74	73428	48.819	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	125888	51.335	ug/l	99
10) Methyl Iodide	4.583	142	144081	51.306	ug/l	97
11) Tert butyl alcohol	5.518	59	110319	293.091	ug/l	100
12) 1,1-Dichloroethene	4.336	96	107139	49.022	ug/l	98
13) Acrolein	4.171	56	134509	261.783	ug/l	100
14) Allyl chloride	5.018	41	172649	48.683	ug/l	98
15) Acrylonitrile	5.712	53	312035	260.994	ug/l	99
16) Acetone	4.418	43	267575	251.929	ug/l	97
17) Carbon Disulfide	4.712	76	283263	42.095	ug/l	98
18) Methyl Acetate	5.018	43	174889	54.151	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	395014	55.663	ug/l	98
20) Methylene Chloride	5.277	84	131284	49.931	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	116065	49.692	ug/l	97
22) Diisopropyl ether	6.665	45	426926	54.237	ug/l	98
23) Vinyl Acetate	6.600	43	1520538	276.027	ug/l	99
24) 1,1-Dichloroethane	6.565	63	244849	51.014	ug/l	98
25) 2-Butanone	7.477	43	406723	260.223	ug/l	100
26) 2,2-Dichloropropane	7.483	77	223673	57.640	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	142501	51.799	ug/l	99
28) Bromochloromethane	7.812	49	101613	45.505	ug/l	98
29) Tetrahydrofuran	7.830	42	272222	274.712	ug/l	100
30) Chloroform	7.959	83	254209	51.246	ug/l	100
31) Cyclohexane	8.253	56	189607	45.451	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	225078	51.727	ug/l	98
36) 1,1-Dichloropropene	8.365	75	170755	52.537	ug/l	99
37) Ethyl Acetate	7.553	43	173618	52.923	ug/l	97
38) Carbon Tetrachloride	8.359	117	200977	54.013	ug/l	99
39) Methylcyclohexane	9.600	83	171154	56.039	ug/l	99
40) Benzene	8.600	78	525669	53.828	ug/l	100

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41) Methacrylonitrile	7.771	41	95095	55.717	ug/l	99
42) 1,2-Dichloroethane	8.665	62	195201	53.072	ug/l	99
43) Isopropyl Acetate	8.683	43	287826	54.755	ug/l	100
44) Trichloroethene	9.347	130	119734	52.672	ug/l	95
45) 1,2-Dichloropropane	9.618	63	135814	54.447	ug/l	97
46) Dibromomethane	9.706	93	95715	53.179	ug/l	99
47) Bromodichloromethane	9.883	83	204517	55.774	ug/l	99
48) Methyl methacrylate	9.677	41	136479	57.693	ug/l	97
49) 1,4-Dioxane	9.688	88	40607	1019.345	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	892528	292.599	ug/l	100
52) Toluene	10.630	92	325356	57.499	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	204105	58.899	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	213245	57.610	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	125068	55.851	ug/l	98
56) Ethyl methacrylate	10.871	69	191924	50.844	ug/l	99
57) 1,3-Dichloropropane	11.159	76	219323	56.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	426978	300.465	ug/l	99
59) 2-Hexanone	11.194	43	643969	300.034	ug/l	99
60) Dibromochloromethane	11.359	129	153599	56.815	ug/l	99
61) 1,2-Dibromoethane	11.465	107	122098	54.776	ug/l	97
64) Tetrachloroethene	11.100	164	109264	52.974	ug/l	98
65) Chlorobenzene	11.888	112	354308	53.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	130012	53.447	ug/l	99
67) Ethyl Benzene	11.959	91	621051	57.531	ug/l	99
68) m/p-Xylenes	12.065	106	475266	119.124	ug/l	99
69) o-Xylene	12.394	106	223578	58.639	ug/l	100
70) Styrene	12.406	104	387081	61.343	ug/l	99
71) Bromoform	12.576	173	101032	58.046	ug/l #	99
73) Isopropylbenzene	12.694	105	581759	55.357	ug/l	100
74) N-amyl acetate	12.494	43	249973	52.919	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	182235	49.089	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	147100m	46.478	ug/l	
77) Bromobenzene	12.976	156	138788	50.547	ug/l	99
78) n-propylbenzene	13.035	91	701218	56.362	ug/l	100
79) 2-Chlorotoluene	13.123	91	424851	52.764	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	494666	56.984	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	63601	54.370	ug/l	92
82) 4-Chlorotoluene	13.218	91	432608	53.960	ug/l	98
83) tert-Butylbenzene	13.435	119	405613	55.641	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	501298	57.941	ug/l	100
85) sec-Butylbenzene	13.612	105	580942	57.499	ug/l	100
86) p-Isopropyltoluene	13.729	119	491281	53.532	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	264631	52.335	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	264719	50.507	ug/l	98
89) n-Butylbenzene	14.053	91	420498	58.013	ug/l	99
90) Hexachloroethane	14.329	117	97383	50.630	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	255916	50.739	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34993	51.620	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	127164	54.246	ug/l	100
94) Hexachlorobutadiene	15.500	225	63906	51.348	ug/l	99
95) Naphthalene	15.641	128	367063	52.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	121516	51.230	ug/l	99

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

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