

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086213.D
 Acq On : 02 Apr 2025 17:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 03 01:37:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/03/2025
 Supervised By : Mahesh Dadoda 04/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	124427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	192874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	179953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	78224	45.911	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.820%		
35) Dibromofluoromethane	8.165	113	57251	42.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.060%		
50) Toluene-d8	10.565	98	212522	43.497	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.000%		
62) 4-Bromofluorobenzene	12.847	95	85401	49.012	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81272	49.302	ug/l	99
3) Chloromethane	2.365	50	59899	41.448	ug/l	98
4) Vinyl Chloride	2.518	62	67750	45.850	ug/l	98
5) Bromomethane	2.959	94	36111	35.877	ug/l	100
6) Chloroethane	3.124	64	42645	45.748	ug/l	90
7) Trichlorofluoromethane	3.500	101	131204	49.395	ug/l	97
8) Diethyl Ether	3.959	74	34882	42.897	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	63800	45.193	ug/l	99
10) Methyl Iodide	4.589	142	79510	43.224	ug/l	89
11) Tert butyl alcohol	5.506	59	49367	204.645	ug/l	99
12) 1,1-Dichloroethene	4.342	96	60839	47.726	ug/l	99
13) Acrolein	4.177	56	45812	178.054	ug/l	100
14) Allyl chloride	5.024	41	63892	40.176	ug/l #	85
15) Acrylonitrile	5.712	53	121404	190.560	ug/l	97
16) Acetone	4.424	43	99757	191.643	ug/l	94
17) Carbon Disulfide	4.712	76	162533	38.770	ug/l	99
18) Methyl Acetate	5.018	43	60980	47.349	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	212354	50.836	ug/l	95
20) Methylene Chloride	5.277	84	64767	42.532	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	63588	45.645	ug/l	91
22) Diisopropyl ether	6.665	45	142773	42.129	ug/l #	92
23) Vinyl Acetate	6.600	43	538918	209.774	ug/l	96
24) 1,1-Dichloroethane	6.565	63	107567	43.164	ug/l	97
25) 2-Butanone	7.483	43	138722	184.691	ug/l	95
26) 2,2-Dichloropropane	7.483	77	119797	49.931	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	74863	47.289	ug/l	97
28) Bromochloromethane	7.806	49	41042	38.872	ug/l	86
29) Tetrahydrofuran	7.835	42	90143	194.398	ug/l	91
30) Chloroform	7.965	83	132053	47.940	ug/l	98
31) Cyclohexane	8.253	56	86690	40.834	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	134993	51.772	ug/l	99
36) 1,1-Dichloropropene	8.365	75	86041	48.538	ug/l	98
37) Ethyl Acetate	7.553	43	57079	38.167	ug/l	98
38) Carbon Tetrachloride	8.359	117	124436	53.389	ug/l	97
39) Methylcyclohexane	9.600	83	90315	51.353	ug/l	97
40) Benzene	8.606	78	262572	47.184	ug/l	98

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41) Methacrylonitrile	7.771	41	31624	44.285	ug/l	95
42) 1,2-Dichloroethane	8.665	62	102064	52.637	ug/l	98
43) Isopropyl Acetate	8.682	43	115280	35.573	ug/l	96
44) Trichloroethene	9.347	130	71360	49.478	ug/l	97
45) 1,2-Dichloropropane	9.618	63	56179	44.386	ug/l	99
46) Dibromomethane	9.706	93	49404	49.634	ug/l	97
47) Bromodichloromethane	9.882	83	104783	50.369	ug/l	98
48) Methyl methacrylate	9.677	41	49695	46.471	ug/l	90
49) 1,4-Dioxane	9.688	88	24012	949.854	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	314750	220.228	ug/l	100
52) Toluene	10.629	92	177725	52.036	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	105784	52.360	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	106996	50.196	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	62546	47.980	ug/l	94
56) Ethyl methacrylate	10.871	69	97788	48.402	ug/l	96
57) 1,3-Dichloropropane	11.159	76	104753	47.312	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.153	63	210625	266.849	ug/l	94
59) 2-Hexanone	11.188	43	233599	224.364	ug/l	100
60) Dibromochloromethane	11.353	129	84411	50.181	ug/l	97
61) 1,2-Dibromoethane	11.465	107	65258	48.763	ug/l	96
64) Tetrachloroethene	11.100	164	77371	53.898	ug/l	98
65) Chlorobenzene	11.888	112	193335	46.951	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	76258	49.818	ug/l	98
67) Ethyl Benzene	11.959	91	344959	52.370	ug/l	99
68) m/p-Xylenes	12.065	106	273198	105.524	ug/l	96
69) o-Xylene	12.394	106	132228	55.647	ug/l	99
70) Styrene	12.406	104	223326	55.025	ug/l	98
71) Bromoform	12.576	173	61068	47.723	ug/l #	100
73) Isopropylbenzene	12.694	105	335291	50.519	ug/l	98
74) N-amyl acetate	12.488	43	95116	42.835	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	83431	37.157	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	96887m	44.527	ug/l	
77) Bromobenzene	12.976	156	86356	46.663	ug/l	94
78) n-propylbenzene	13.029	91	377038	50.169	ug/l	99
79) 2-Chlorotoluene	13.123	91	245254	49.131	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	300848	53.689	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	33709	40.958	ug/l	90
82) 4-Chlorotoluene	13.217	91	251922	49.075	ug/l	98
83) tert-Butylbenzene	13.435	119	246223	51.377	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	305043	53.973	ug/l	98
85) sec-Butylbenzene	13.612	105	328018	52.467	ug/l	99
86) p-Isopropyltoluene	13.723	119	293941	55.541	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	160337	48.065	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	160564	45.813	ug/l	99
89) n-Butylbenzene	14.053	91	229753	53.311	ug/l	98
90) Hexachloroethane	14.329	117	47413	38.826	ug/l	93
91) 1,2-Dichlorobenzene	14.100	146	157297	47.434	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	21542	48.062	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	86800	52.057	ug/l	99
94) Hexachlorobutadiene	15.494	225	45455	46.988	ug/l	97
95) Naphthalene	15.635	128	265455	54.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	82241	51.980	ug/l	99

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

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