

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040125\
 Data File : VN086199.D
 Acq On : 01 Apr 2025 16:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 02 01:53:55 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 :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	171295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122539	52.242	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.480%			
35) Dibromofluoromethane	8.165	113	89171	45.200	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.400%			
50) Toluene-d8	10.565	98	349205	48.772	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.540%			
62) 4-Bromofluorobenzene	12.847	95	141573	55.444	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	136457	60.130	ug/l	99
3) Chloromethane	2.365	50	114388	57.496	ug/l	99
4) Vinyl Chloride	2.518	62	125741	61.813	ug/l	100
5) Bromomethane	2.948	94	61714	44.539	ug/l	96
6) Chloroethane	3.118	64	74660	58.179	ug/l	95
7) Trichlorofluoromethane	3.500	101	198767	54.356	ug/l	96
8) Diethyl Ether	3.959	74	59132	52.822	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	102239	52.606	ug/l	98
10) Methyl Iodide	4.589	142	114283	45.129	ug/l	93
11) Tert butyl alcohol	5.518	59	70928	213.576	ug/l	99
12) 1,1-Dichloroethene	4.342	96	97144	55.355	ug/l	95
13) Acrolein	4.183	56	50101	141.445	ug/l	98
14) Allyl chloride	5.024	41	120212	54.908	ug/l	98
15) Acrylonitrile	5.712	53	219178	249.899	ug/l	98
16) Acetone	4.424	43	171822	239.772	ug/l	96
17) Carbon Disulfide	4.712	76	291182	50.453	ug/l	100
18) Methyl Acetate	5.024	43	138112	77.897	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	329699	57.333	ug/l	98
20) Methylene Chloride	5.271	84	112242	53.541	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	104293	54.380	ug/l	96
22) Diisopropyl ether	6.665	45	268553	57.562	ug/l	96
23) Vinyl Acetate	6.600	43	1014823	286.938	ug/l	99
24) 1,1-Dichloroethane	6.565	63	188716	55.007	ug/l	99
25) 2-Butanone	7.477	43	246064	237.968	ug/l	98
26) 2,2-Dichloropropane	7.488	77	182391	55.220	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	119781	54.961	ug/l	94
28) Bromochloromethane	7.812	49	77092	53.037	ug/l	96
29) Tetrahydrofuran	7.835	42	159278	249.508	ug/l	98
30) Chloroform	7.965	83	206584	54.477	ug/l	99
31) Cyclohexane	8.253	56	159647	54.624	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	200736	55.921	ug/l	99
36) 1,1-Dichloropropene	8.365	75	143121	55.095	ug/l	98
37) Ethyl Acetate	7.553	43	100293	45.764	ug/l	97
38) Carbon Tetrachloride	8.359	117	185945	54.441	ug/l	96
39) Methylcyclohexane	9.600	83	152474	59.161	ug/l	95
40) Benzene	8.606	78	441578	54.149	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	56423	53.918	ug/l	95
42) 1,2-Dichloroethane	8.665	62	158389	55.741	ug/l	98
43) Isopropyl Acetate	8.682	43	243310	51.234	ug/l #	89
44) Trichloroethene	9.347	130	112923	53.428	ug/l	94
45) 1,2-Dichloropropane	9.618	63	99807	53.811	ug/l	98
46) Dibromomethane	9.706	93	75900	52.034	ug/l	97
47) Bromodichloromethane	9.882	83	164916	54.097	ug/l	99
48) Methyl methacrylate	9.677	41	87546	55.865	ug/l	98
49) 1,4-Dioxane	9.688	88	35438	956.603	ug/l	89
51) 4-Methyl-2-Pentanone	10.441	43	558826	266.820	ug/l	98
52) Toluene	10.629	92	288824	57.707	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	170755	57.675	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	175231	56.098	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	102458	53.635	ug/l	99
56) Ethyl methacrylate	10.871	69	158464	52.621	ug/l	96
57) 1,3-Dichloropropane	11.159	76	177952	54.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	406252	333.135	ug/l	99
59) 2-Hexanone	11.194	43	412121	270.110	ug/l	98
60) Dibromochloromethane	11.353	129	126866	51.466	ug/l	97
61) 1,2-Dibromoethane	11.465	107	104143	53.103	ug/l	97
64) Tetrachloroethene	11.100	164	123175	57.854	ug/l	96
65) Chlorobenzene	11.888	112	313280	51.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	114006	50.216	ug/l	98
67) Ethyl Benzene	11.959	91	555301	56.840	ug/l	99
68) m/p-Xylenes	12.070	106	442729	115.299	ug/l	98
69) o-Xylene	12.394	106	211596	60.040	ug/l	98
70) Styrene	12.406	104	365920	60.789	ug/l	99
71) Bromoform	12.576	173	88737	46.756	ug/l #	99
73) Isopropylbenzene	12.694	105	536643	50.946	ug/l	100
74) N-amyl acetate	12.494	43	176433	50.064	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	135862	38.124	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	160434m	46.457	ug/l	
77) Bromobenzene	12.976	156	133615	45.491	ug/l	96
78) n-propylbenzene	13.029	91	633061	53.075	ug/l	98
79) 2-Chlorotoluene	13.123	91	405206	51.146	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	480562	54.036	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	54489	41.715	ug/l	90
82) 4-Chlorotoluene	13.217	91	420544	51.618	ug/l	100
83) tert-Butylbenzene	13.435	119	392239	51.569	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	498491	55.573	ug/l	98
85) sec-Butylbenzene	13.612	105	545702	54.996	ug/l	98
86) p-Isopropyltoluene	13.723	119	480671	57.226	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	264876	50.031	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	268278	48.230	ug/l	97
89) n-Butylbenzene	14.053	91	409183	59.822	ug/l	99
90) Hexachloroethane	14.329	117	77934	40.211	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	261080	49.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34251	48.149	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	136230	51.479	ug/l	98
94) Hexachlorobutadiene	15.500	225	71428	46.523	ug/l	99
95) Naphthalene	15.635	128	413222	53.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	129014	51.378	ug/l	100

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

