

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085645.D
 Acq On : 04 Feb 2025 11:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 05 01:01:32 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 02/05/2025
 Supervised By : Mahesh Dadoda 02/06/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154798	47.780	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.560%		
35) Dibromofluoromethane	8.165	113	127274	53.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.300%		
50) Toluene-d8	10.565	98	473979	55.713	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	111.420%		
62) 4-Bromofluorobenzene	12.847	95	163009	56.013	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	112.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	168819	62.124	ug/l	98
3) Chloromethane	2.359	50	151639	51.538	ug/l	99
4) Vinyl Chloride	2.512	62	185363	62.678	ug/l	98
5) Bromomethane	2.942	94	115992	64.931	ug/l	95
6) Chloroethane	3.118	64	116980	62.391	ug/l	98
7) Trichlorofluoromethane	3.495	101	227801	53.087	ug/l	99
8) Diethyl Ether	3.959	74	75659	51.037	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	136051	56.291	ug/l	97
10) Methyl Iodide	4.589	142	171090	61.814	ug/l	96
11) Tert butyl alcohol	5.518	59	90596	244.210	ug/l	100
12) 1,1-Dichloroethene	4.336	96	124529	57.812	ug/l	91
13) Acrolein	4.177	56	85431	168.697	ug/l	99
14) Allyl chloride	5.024	41	157091	44.944	ug/l #	94
15) Acrylonitrile	5.718	53	303850	257.863	ug/l	99
16) Acetone	4.424	43	236574	225.997	ug/l	94
17) Carbon Disulfide	4.712	76	378039	57.001	ug/l	98
18) Methyl Acetate	5.018	43	143957	45.225	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	384956	55.039	ug/l	98
20) Methylene Chloride	5.277	84	141744	54.697	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	132371	57.502	ug/l	94
22) Diisopropyl ether	6.671	45	381754	49.208	ug/l	97
23) Vinyl Acetate	6.600	43	1409531	259.616	ug/l	95
24) 1,1-Dichloroethane	6.565	63	245805	51.962	ug/l	98
25) 2-Butanone	7.477	43	372307	241.685	ug/l	91
26) 2,2-Dichloropropane	7.489	77	220150	57.562	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	155112	57.208	ug/l	93
28) Bromochloromethane	7.806	49	95572	43.426	ug/l	87
29) Tetrahydrofuran	7.836	42	249949	255.923	ug/l	89
30) Chloroform	7.965	83	252335	51.611	ug/l	100
31) Cyclohexane	8.253	56	204306	49.690	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	225191	52.509	ug/l	96
36) 1,1-Dichloropropene	8.371	75	183927	54.731	ug/l	98
37) Ethyl Acetate	7.559	43	159199	46.933	ug/l	98
38) Carbon Tetrachloride	8.359	117	202078	52.524	ug/l	99
39) Methylcyclohexane	9.600	83	195859	62.021	ug/l	93
40) Benzene	8.606	78	567137	56.166	ug/l	99

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Quant Title : SW846 8260

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	81539	46.204	ug/l	91
42) 1,2-Dichloroethane	8.671	62	185776	48.850	ug/l	97
43) Isopropyl Acetate	8.688	43	271553	49.962	ug/l	95
44) Trichloroethene	9.347	130	131785	56.068	ug/l	100
45) 1,2-Dichloropropane	9.618	63	137051	53.137	ug/l	99
46) Dibromomethane	9.706	93	97554	52.419	ug/l	96
47) Bromodichloromethane	9.882	83	202509	53.411	ug/l	98
48) Methyl methacrylate	9.677	41	122409	50.045	ug/l	89
49) 1,4-Dioxane	9.694	88	47051	1142.294	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	800853	253.917	ug/l	94
52) Toluene	10.629	92	351922	60.150	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	204407	57.048	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	221256	57.810	ug/l #	90
55) 1,1,2-Trichloroethane	11.012	97	129296	55.842	ug/l	99
56) Ethyl methacrylate	10.871	69	199066	50.997	ug/l	90
57) 1,3-Dichloropropane	11.159	76	225579	56.030	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	335470	228.313	ug/l	97
59) 2-Hexanone	11.194	43	580109	261.399	ug/l	91
60) Dibromochloromethane	11.359	129	152370	54.508	ug/l	98
61) 1,2-Dibromoethane	11.465	107	129588	56.226	ug/l	99
64) Tetrachloroethene	11.100	164	122776	58.273	ug/l	96
65) Chlorobenzene	11.888	112	380252	56.165	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	133801	53.847	ug/l	100
67) Ethyl Benzene	11.959	91	654450	59.349	ug/l	97
68) m/p-Xylenes	12.071	106	518534	127.234	ug/l	95
69) o-Xylene	12.394	106	241242	61.940	ug/l	96
70) Styrene	12.412	104	419116	65.022	ug/l	97
71) Bromoform	12.576	173	99802	56.133	ug/l #	98
73) Isopropylbenzene	12.694	105	606175	57.186	ug/l	99
74) N-amyl acetate	12.494	43	234045	49.123	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	188424	50.322	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	153753m	48.165	ug/l	
77) Bromobenzene	12.976	156	148155	53.497	ug/l	95
78) n-propylbenzene	13.035	91	731968	58.330	ug/l	99
79) 2-Chlorotoluene	13.123	91	439835	54.157	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	514612	58.774	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	68031	57.659	ug/l #	81
82) 4-Chlorotoluene	13.218	91	445323	55.070	ug/l	97
83) tert-Butylbenzene	13.435	119	411462	55.960	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	519388	59.518	ug/l	98
85) sec-Butylbenzene	13.612	105	605413	59.408	ug/l	99
86) p-Isopropyltoluene	13.729	119	506039	54.534	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	277733	54.455	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	278955	52.768	ug/l	97
89) n-Butylbenzene	14.053	91	429742	58.781	ug/l	99
90) Hexachloroethane	14.329	117	98723	50.887	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	266234	52.333	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33244	48.620	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	124629	52.709	ug/l	98
94) Hexachlorobutadiene	15.500	225	60840	48.466	ug/l	99
95) Naphthalene	15.641	128	394392	55.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	125197	52.330	ug/l	99

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

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