

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085666.D
 Acq On : 05 Feb 2025 09:47
 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 06 00:35:31 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
 02/07/2025
 Supervised By :Mahesh
 Dadoda
 02/07/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	210743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	355092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	313732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	145155	42.670	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 85.340%			
35) Dibromofluoromethane	8.165	113	124464	50.524	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.040%			
50) Toluene-d8	10.565	98	455971	52.095	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.200%			
62) 4-Bromofluorobenzene	12.847	95	154427	51.578	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	174200	61.050	ug/l	96
3) Chloromethane	2.359	50	162611	52.634	ug/l	99
4) Vinyl Chloride	2.512	62	186506	60.060	ug/l	98
5) Bromomethane	2.953	94	117281	62.525	ug/l	94
6) Chloroethane	3.118	64	117643	59.755	ug/l	97
7) Trichlorofluoromethane	3.500	101	267534	59.376	ug/l	97
8) Diethyl Ether	3.953	74	89271	57.351	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	155868	61.418	ug/l	98
10) Methyl Iodide	4.589	142	191740	65.975	ug/l	98
11) Tert butyl alcohol	5.512	59	75757	194.482	ug/l	100
12) 1,1-Dichloroethene	4.342	96	144318	63.808	ug/l	88
13) Acrolein	4.171	56	97218	182.828	ug/l	99
14) Allyl chloride	5.018	41	178861	48.734	ug/l	96
15) Acrylonitrile	5.712	53	280682	226.854	ug/l	99
16) Acetone	4.418	43	245778	223.605	ug/l	96
17) Carbon Disulfide	4.712	76	425888	61.156	ug/l	100
18) Methyl Acetate	5.018	43	147810	44.223	ug/l #	90
19) Methyl tert-butyl Ether	5.789	73	394822	53.760	ug/l	99
20) Methylene Chloride	5.271	84	158243	58.155	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	137332	56.815	ug/l	92
22) Diisopropyl ether	6.665	45	387130	47.524	ug/l #	96
23) Vinyl Acetate	6.594	43	1378899	241.875	ug/l	95
24) 1,1-Dichloroethane	6.559	63	250795	50.491	ug/l	98
25) 2-Butanone	7.471	43	331588	204.999	ug/l #	89
26) 2,2-Dichloropropane	7.483	77	229637	57.182	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	161570	56.751	ug/l	92
28) Bromochloromethane	7.806	49	90235	39.048	ug/l #	82
29) Tetrahydrofuran	7.830	42	222789	217.247	ug/l #	87
30) Chloroform	7.959	83	265352	51.688	ug/l	100
31) Cyclohexane	8.247	56	201107	46.582	ug/l	89
32) 1,1,1-Trichloroethane	8.165	97	236310	52.477	ug/l	94
36) 1,1-Dichloropropene	8.365	75	189829	54.905	ug/l	97
37) Ethyl Acetate	7.553	43	145717	41.755	ug/l #	97
38) Carbon Tetrachloride	8.359	117	213327	53.895	ug/l	99
39) Methylcyclohexane	9.594	83	198631	61.137	ug/l	94
40) Benzene	8.600	78	590072	56.801	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	75144	41.388	ug/l #	89
42) 1,2-Dichloroethane	8.665	62	190041	48.572	ug/l	97
43) Isopropyl Acetate	8.682	43	249616	44.639	ug/l #	94
44) Trichloroethene	9.347	130	140032	57.908	ug/l	100
45) 1,2-Dichloropropane	9.618	63	138174	52.073	ug/l	99
46) Dibromomethane	9.706	93	101289	52.902	ug/l	98
47) Bromodichloromethane	9.882	83	209603	53.734	ug/l	100
48) Methyl methacrylate	9.677	41	115272	45.807	ug/l	89
49) 1,4-Dioxane	9.694	88	38892	917.770	ug/l	90
51) 4-Methyl-2-Pentanone	10.441	43	730362	225.083	ug/l	93
52) Toluene	10.624	92	366910	60.956	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	207026	56.161	ug/l	94
54) cis-1,3-Dichloropropene	10.306	75	225407	57.245	ug/l #	89
55) 1,1,2-Trichloroethane	11.012	97	132448	55.601	ug/l	99
56) Ethyl methacrylate	10.871	69	197038	49.137	ug/l	89
57) 1,3-Dichloropropane	11.159	76	228187	55.091	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	313999	207.716	ug/l	95
59) 2-Hexanone	11.188	43	514646	225.407	ug/l	90
60) Dibromochloromethane	11.353	129	159374	55.417	ug/l	100
61) 1,2-Dibromoethane	11.465	107	131583	55.493	ug/l	99
64) Tetrachloroethene	11.100	164	129190	60.402	ug/l	97
65) Chlorobenzene	11.888	112	392068	57.046	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.953	131	137107	54.355	ug/l	100
67) Ethyl Benzene	11.959	91	681872	60.914	ug/l	96
68) m/p-Xylenes	12.065	106	532757	128.775	ug/l	94
69) o-Xylene	12.394	106	247639	62.634	ug/l	96
70) Styrene	12.406	104	430151	65.739	ug/l	96
71) Bromoform	12.576	173	101972	56.498	ug/l #	99
73) Isopropylbenzene	12.694	105	628638	59.354	ug/l	99
74) N-amyl acetate	12.488	43	215687	45.307	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	178775	47.784	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	136877m	42.913	ug/l	
77) Bromobenzene	12.976	156	154226	55.735	ug/l	90
78) n-propylbenzene	13.029	91	746855	59.565	ug/l	98
79) 2-Chlorotoluene	13.123	91	446295	54.998	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	521609	59.622	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	64096	54.369	ug/l #	82
82) 4-Chlorotoluene	13.217	91	452138	55.959	ug/l	97
83) tert-Butylbenzene	13.435	119	427256	58.155	ug/l	93
84) 1,2,4-Trimethylbenzene	13.476	105	528106	60.566	ug/l	98
85) sec-Butylbenzene	13.612	105	613753	60.276	ug/l	99
86) p-Isopropyltoluene	13.723	119	520054	55.904	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	284441	55.816	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	284335	53.830	ug/l	97
89) n-Butylbenzene	14.053	91	435048	59.555	ug/l	98
90) Hexachloroethane	14.329	117	98886	51.013	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	272187	53.547	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	30881	45.201	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	124943	52.886	ug/l	98
94) Hexachlorobutadiene	15.500	225	59707	47.603	ug/l	96
95) Naphthalene	15.635	128	371130	52.644	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	122972	51.442	ug/l	98

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

