

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085428.D
 Acq On : 13 Jan 2025 13:37
 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 13 16:36:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/14/2025
 Supervised By : Mahesh Dadoda 01/14/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	184166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136493	51.963	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.920%
35) Dibromofluoromethane	8.165	113	101920	52.834	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.660%
50) Toluene-d8	10.565	98	379539	53.617	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.240%
62) 4-Bromofluorobenzene	12.847	95	133825	56.925	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	128083	51.424	ug/l	96
3) Chloromethane	2.359	50	129565	46.283	ug/l	99
4) Vinyl Chloride	2.512	62	132171	44.644	ug/l	95
5) Bromomethane	2.947	94	74320	38.384	ug/l	98
6) Chloroethane	3.112	64	83849	44.659	ug/l	95
7) Trichlorofluoromethane	3.495	101	198368	50.971	ug/l	96
8) Diethyl Ether	3.959	74	63595	49.352	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	112630	50.861	ug/l	98
10) Methyl Iodide	4.589	142	128898	50.299	ug/l	93
11) Tert butyl alcohol	5.518	59	91455	278.045	ug/l	97
12) 1,1-Dichloroethene	4.342	96	100428	49.072	ug/l	98
13) Acrolein	4.171	56	184951	360.662	ug/l	100
14) Allyl chloride	5.018	41	155499	47.474	ug/l	98
15) Acrylonitrile	5.712	53	271779	262.528	ug/l	99
16) Acetone	4.424	43	231439	267.950	ug/l	100
17) Carbon Disulfide	4.712	76	294883	47.363	ug/l	99
18) Methyl Acetate	5.018	43	146086	55.243	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	340557	51.196	ug/l	100
20) Methylene Chloride	5.271	84	118266	50.905	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	108951	50.962	ug/l	94
22) Diisopropyl ether	6.665	45	373852	52.966	ug/l	97
23) Vinyl Acetate	6.600	43	1372492	268.794	ug/l	99
24) 1,1-Dichloroethane	6.565	63	217959	51.263	ug/l	97
25) 2-Butanone	7.477	43	362118	270.236	ug/l	97
26) 2,2-Dichloropropane	7.488	77	193638	51.982	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	127329	50.744	ug/l	94
28) Bromochloromethane	7.806	49	92124	46.624	ug/l #	98
29) Tetrahydrofuran	7.830	42	244223	282.940	ug/l	98
30) Chloroform	7.965	83	224610	51.637	ug/l	99
31) Cyclohexane	8.253	56	182754	47.071	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	196205	50.507	ug/l	97
36) 1,1-Dichloropropene	8.371	75	156860	55.537	ug/l	98
37) Ethyl Acetate	7.553	43	148367	52.850	ug/l	100
38) Carbon Tetrachloride	8.359	117	175896	57.134	ug/l	98
39) Methylcyclohexane	9.600	83	161071	54.964	ug/l	98
40) Benzene	8.600	78	472703	55.355	ug/l	99

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41) Methacrylonitrile	7.777	41	81692	56.819	ug/l	99
42) 1,2-Dichloroethane	8.665	62	175809	57.423	ug/l	99
43) Isopropyl Acetate	8.682	43	251792	54.471	ug/l	99
44) Trichloroethene	9.347	130	105747	52.305	ug/l	97
45) 1,2-Dichloropropane	9.618	63	118782	54.794	ug/l	99
46) Dibromomethane	9.706	93	85454	56.681	ug/l	98
47) Bromodichloromethane	9.888	83	178902	57.093	ug/l	99
48) Methyl methacrylate	9.676	41	121359	60.504	ug/l	97
49) 1,4-Dioxane	9.694	88	35721	1180.354	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	785084	302.222	ug/l	100
52) Toluene	10.629	92	291327	57.295	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	173023	56.148	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	186913	56.093	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	110746	57.689	ug/l	97
56) Ethyl methacrylate	10.871	69	169125	60.491	ug/l	98
57) 1,3-Dichloropropane	11.159	76	193762	57.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	414919	306.734	ug/l	99
59) 2-Hexanone	11.194	43	565949	314.015	ug/l	100
60) Dibromochloromethane	11.359	129	130299	60.261	ug/l	97
61) 1,2-Dibromoethane	11.465	107	106570	56.111	ug/l	98
64) Tetrachloroethene	11.100	164	95238	53.632	ug/l	98
65) Chlorobenzene	11.888	112	307830	50.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	112826	55.509	ug/l	98
67) Ethyl Benzene	11.959	91	559107	55.513	ug/l	99
68) m/p-Xylenes	12.065	106	425022	115.313	ug/l	98
69) o-Xylene	12.394	106	200305	56.178	ug/l	97
70) Styrene	12.406	104	345333	59.759	ug/l	99
71) Bromoform	12.576	173	84533	60.046	ug/l #	100
73) Isopropylbenzene	12.694	105	513051	51.012	ug/l	100
74) N-amyl acetate	12.488	43	219887	51.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	160235	50.023	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	130189m	49.848	ug/l	
77) Bromobenzene	12.976	156	122984	49.356	ug/l	99
78) n-propylbenzene	13.035	91	622960	53.137	ug/l	99
79) 2-Chlorotoluene	13.123	91	379808	51.476	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	438726	53.930	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	55369	50.771	ug/l	96
82) 4-Chlorotoluene	13.217	91	384439	51.734	ug/l	99
83) tert-Butylbenzene	13.435	119	355310	50.420	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	443901	54.799	ug/l	100
85) sec-Butylbenzene	13.612	105	509033	52.039	ug/l	99
86) p-Isopropyltoluene	13.723	119	427061	48.868	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	232253	51.415	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	228878	49.326	ug/l	100
89) n-Butylbenzene	14.053	91	363468	50.743	ug/l	99
90) Hexachloroethane	14.329	117	84149	52.482	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	218396	50.753	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29852	52.364	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	105915	49.317	ug/l	99
94) Hexachlorobutadiene	15.500	225	50844	47.649	ug/l	97
95) Naphthalene	15.641	128	313061	42.988	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	102369	47.707	ug/l	99

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

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