

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085447.D
 Acq On : 15 Jan 2025 09:03
 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 16 00:51:35 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 :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	218273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	358609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	316952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158347	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	178793	50.745	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.480%
35) Dibromofluoromethane	8.159	113	132381	53.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.420%
50) Toluene-d8	10.559	98	486444	55.032	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.060%
62) 4-Bromofluorobenzene	12.847	95	168340	55.673	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	143408	48.525	ug/l	99
3) Chloromethane	2.359	50	147166	45.992	ug/l	98
4) Vinyl Chloride	2.518	62	151933	47.239	ug/l	99
5) Bromomethane	2.959	94	87556	45.067	ug/l	97
6) Chloroethane	3.124	64	93081	45.648	ug/l	95
7) Trichlorofluoromethane	3.500	101	227366	48.720	ug/l	100
8) Diethyl Ether	3.959	74	73785	45.767	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	130921	49.808	ug/l	99
10) Methyl Iodide	4.589	142	149033	49.511	ug/l	98
11) Tert butyl alcohol	5.506	59	74825	185.463	ug/l	100
12) 1,1-Dichloroethene	4.336	96	115861	49.459	ug/l	99
13) Acrolein	4.177	56	131470	238.713	ug/l	99
14) Allyl chloride	5.018	41	181372	47.714	ug/l	99
15) Acrylonitrile	5.712	53	284008	221.624	ug/l	99
16) Acetone	4.418	43	250548	220.081	ug/l	100
17) Carbon Disulfide	4.712	76	332259	46.066	ug/l	99
18) Methyl Acetate	5.018	43	152823	44.146	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	383442	50.410	ug/l	98
20) Methylene Chloride	5.271	84	132073	46.863	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	122694	49.008	ug/l	99
22) Diisopropyl ether	6.665	45	429155	50.865	ug/l	99
23) Vinyl Acetate	6.594	43	1530873	259.270	ug/l	99
24) 1,1-Dichloroethane	6.565	63	250056	48.606	ug/l	99
25) 2-Butanone	7.477	43	367726	219.497	ug/l	98
26) 2,2-Dichloropropane	7.483	77	224423	53.956	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	147121	49.893	ug/l	100
28) Bromochloromethane	7.806	49	117821	49.226	ug/l	99
29) Tetrahydrofuran	7.830	42	245371	231.013	ug/l	99
30) Chloroform	7.959	83	253854	47.743	ug/l	99
31) Cyclohexane	8.253	56	205522	45.962	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	225987	48.453	ug/l	99
36) 1,1-Dichloropropene	8.365	75	180278	51.631	ug/l	99
37) Ethyl Acetate	7.553	43	157899	44.802	ug/l	97
38) Carbon Tetrachloride	8.359	117	201730	50.466	ug/l	99
39) Methylcyclohexane	9.594	83	189425	57.732	ug/l	98
40) Benzene	8.600	78	539436	51.417	ug/l	99

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41) Methacrylonitrile	7.771	41	90556	49.387	ug/l	98
42) 1,2-Dichloroethane	8.665	62	197097	49.881	ug/l	99
43) Isopropyl Acetate	8.682	43	266284	47.153	ug/l	99
44) Trichloroethene	9.347	130	123817	50.700	ug/l	97
45) 1,2-Dichloropropane	9.612	63	135244	50.468	ug/l	96
46) Dibromomethane	9.706	93	94501	48.873	ug/l	98
47) Bromodichloromethane	9.882	83	203552	51.671	ug/l	99
48) Methyl methacrylate	9.677	41	129471	50.945	ug/l	98
49) 1,4-Dioxane	9.688	88	37393	873.742	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	789380	240.885	ug/l	99
52) Toluene	10.624	92	328434	54.029	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	198974	53.447	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	213072	53.582	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	120803	50.215	ug/l	99
56) Ethyl methacrylate	10.871	69	184561	45.714	ug/l	99
57) 1,3-Dichloropropane	11.159	76	211921	50.662	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.153	63	416723	272.966	ug/l	100
59) 2-Hexanone	11.188	43	558711	242.307	ug/l	100
60) Dibromochloromethane	11.353	129	146358	50.392	ug/l	99
61) 1,2-Dibromoethane	11.465	107	117431	49.039	ug/l	99
64) Tetrachloroethene	11.100	164	112592	52.107	ug/l	96
65) Chlorobenzene	11.888	112	348954	50.257	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	126127	49.494	ug/l	99
67) Ethyl Benzene	11.959	91	623373	55.122	ug/l	98
68) m/p-Xylenes	12.065	106	478857	114.570	ug/l	98
69) o-Xylene	12.394	106	221609	55.481	ug/l	98
70) Styrene	12.406	104	382963	57.933	ug/l	100
71) Bromoform	12.570	173	95715	52.493	ug/l #	97
73) Isopropylbenzene	12.688	105	579887	54.261	ug/l	100
74) N-amyl acetate	12.488	43	229808	47.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	165720	43.898	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	150178m	46.662	ug/l	
77) Bromobenzene	12.976	156	137136	49.115	ug/l	96
78) n-propylbenzene	13.029	91	703936	55.640	ug/l	100
79) 2-Chlorotoluene	13.123	91	423036	51.665	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	492256	55.763	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	58114	48.853	ug/l	92
82) 4-Chlorotoluene	13.217	91	425288	52.164	ug/l	100
83) tert-Butylbenzene	13.435	119	405351	54.680	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	498787	56.692	ug/l	97
85) sec-Butylbenzene	13.612	105	580478	56.497	ug/l	99
86) p-Isopropyltoluene	13.723	119	492423	52.852	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	257806	50.137	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	256221	48.073	ug/l	99
89) n-Butylbenzene	14.053	91	424966	57.654	ug/l	98
90) Hexachloroethane	14.329	117	95205	48.675	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	242707	47.320	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29578	42.906	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	120596	50.589	ug/l	98
94) Hexachlorobutadiene	15.494	225	60079	47.470	ug/l	97
95) Naphthalene	15.635	128	327305	46.012	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	113937	47.236	ug/l	99

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