

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079535.D
 Acq On : 11 Oct 2023 22:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 12 06:17:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023

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 Dadoda
 10/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	258286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	469510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	438806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189200	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	215781	51.525	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.040%	
35) Dibromofluoromethane	8.171	113	169478	50.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.460%	
50) Toluene-d8	10.571	98	639552	52.386	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.780%	
62) 4-Bromofluorobenzene	12.853	95	214035	54.630	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.260%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.130	85	175525	47.425	ug/l	97
3) Chloromethane	2.365	50	202301	43.806	ug/l	98
4) Vinyl Chloride	2.518	62	220856	45.978	ug/l	98
5) Bromomethane	2.948	94	110456	38.412	ug/l	91
6) Chloroethane	3.118	64	144282	39.841	ug/l	99
7) Trichlorofluoromethane	3.495	101	271771	47.918	ug/l	97
8) Diethyl Ether	3.965	74	102351	50.621	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	150786	45.495	ug/l	99
10) Methyl Iodide	4.589	142	187593	65.227	ug/l	98
11) Tert butyl alcohol	5.524	59	122877	194.946	ug/l #	86
12) 1,1-Dichloroethene	4.347	96	147623	48.375	ug/l	86
13) Acrolein	4.183	56	149517	238.230	ug/l	99
14) Allyl chloride	5.024	41	256151	52.014	ug/l #	90
15) Acrylonitrile	5.724	53	429423	234.994	ug/l	98
16) Acetone	4.430	43	329825	198.562	ug/l	92
17) Carbon Disulfide	4.712	76	417522	43.862	ug/l	100
18) Methyl Acetate	5.024	43	433675	53.342	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	520593	52.503	ug/l	94
20) Methylene Chloride	5.283	84	179070	49.220	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	162769	45.667	ug/l #	81
22) Diisopropyl ether	6.677	45	570045	51.621	ug/l #	88
23) Vinyl Acetate	6.606	43	1324972	213.306	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	330659	48.926	ug/l	99
25) 2-Butanone	7.488	43	563825	228.697	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	224987	43.561	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	191888	49.557	ug/l	88
28) Bromochloromethane	7.818	49	163838	50.951	ug/l #	73
29) Tetrahydrofuran	7.841	42	376749	236.285	ug/l #	75
30) Chloroform	7.971	83	332052	48.627	ug/l	93
31) Cyclohexane	8.259	56	263897	44.424	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	282037	49.079	ug/l	94
36) 1,1-Dichloropropene	8.377	75	245594	48.498	ug/l	95
37) Ethyl Acetate	7.571	43	222503	44.157	ug/l #	92
38) Carbon Tetrachloride	8.365	117	240996	47.538	ug/l	97
39) Methylcyclohexane	9.606	83	236190	48.546	ug/l #	86
40) Benzene	8.612	78	724436	48.170	ug/l	99

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41) Methacrylonitrile	7.782	41	121877	46.007	ug/l	88
42) 1,2-Dichloroethane	8.677	62	259123	47.418	ug/l	97
43) Isopropyl Acetate	8.694	43	398218	45.109	ug/l #	90
44) Trichloroethene	9.353	130	168394	47.573	ug/l	99
45) 1,2-Dichloropropane	9.624	63	193549	48.845	ug/l	97
46) Dibromomethane	9.712	93	125364	48.849	ug/l	94
47) Bromodichloromethane	9.894	83	260971	49.435	ug/l	99
48) Methyl methacrylate	9.682	41	193318	51.103	ug/l #	81
49) 1,4-Dioxane	9.700	88	59147	848.843	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1216157	244.045	ug/l	90
52) Toluene	10.635	92	446486	50.435	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	270054	50.763	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	292217	50.177	ug/l #	89
55) 1,1,2-Trichloroethane	11.023	97	175704	49.438	ug/l	99
56) Ethyl methacrylate	10.876	69	263165	53.887	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	310951	50.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	489118	261.520	ug/l	89
59) 2-Hexanone	11.200	43	859185	238.927	ug/l	88
60) Dibromochloromethane	11.365	129	184246	51.582	ug/l	100
61) 1,2-Dibromoethane	11.476	107	172874	49.014	ug/l	97
64) Tetrachloroethene	11.106	164	137795	45.648	ug/l	97
65) Chlorobenzene	11.894	112	458891	46.959	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	173184	48.401	ug/l	97
67) Ethyl Benzene	11.970	91	848660	49.964	ug/l	97
68) m/p-Xylenes	12.076	106	623329	101.001	ug/l	93
69) o-Xylene	12.400	106	304500	50.170	ug/l	92
70) Styrene	12.417	104	507958	52.985	ug/l	98
71) Bromoform	12.582	173	121727	46.483	ug/l #	99
73) Isopropylbenzene	12.700	105	772731	43.901	ug/l	99
74) N-amyl acetate	12.500	43	283144	39.238	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	259013	45.480	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	230632m	42.278	ug/l	
77) Bromobenzene	12.982	156	179175	41.515	ug/l	94
78) n-propylbenzene	13.041	91	900236	45.204	ug/l	97
79) 2-Chlorotoluene	13.129	91	549426	43.114	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	630052	45.393	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	84413	44.898	ug/l #	83
82) 4-Chlorotoluene	13.223	91	533007	43.954	ug/l	99
83) tert-Butylbenzene	13.441	119	532696	46.843	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	626762	47.317	ug/l	99
85) sec-Butylbenzene	13.617	105	727493	45.864	ug/l	99
86) p-Isopropyltoluene	13.735	119	589207	48.421	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	309729	45.246	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	301333	42.632	ug/l	98
89) n-Butylbenzene	14.059	91	474803	48.863	ug/l	98
90) Hexachloroethane	14.335	117	114298	46.188	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	301282	45.121	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40841	40.126	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	103728	50.158	ug/l	98
94) Hexachlorobutadiene	15.506	225	65404	40.607	ug/l	99
95) Naphthalene	15.647	128	300395	47.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	109755	44.474	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

