

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079043.D
 Acq On : 24 Aug 2023 19:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 02:58:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	276957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	443474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	394431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	182691	42.391	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.780%		
35) Dibromofluoromethane	8.171	113	154809	51.858	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.720%		
50) Toluene-d8	10.571	98	531041	47.909	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.820%		
62) 4-Bromofluorobenzene	12.853	95	184385	50.892	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	158759	41.312	ug/l	96
3) Chloromethane	2.365	50	171673	31.996	ug/l	99
4) Vinyl Chloride	2.512	62	183098	38.912	ug/l	100
5) Bromomethane	2.936	94	102232	37.841	ug/l	99
6) Chloroethane	3.112	64	116332	35.365	ug/l	98
7) Trichlorofluoromethane	3.495	101	260199	45.401	ug/l	100
8) Diethyl Ether	3.959	74	103011	47.411	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.371	101	133865	43.856	ug/l	93
10) Methyl Iodide	4.594	142	184869	54.132	ug/l	96
11) Tert butyl alcohol	5.524	59	165812	229.284	ug/l	98
12) 1,1-Dichloroethene	4.347	96	133438	44.878	ug/l	87
13) Acrolein	4.183	56	84024	207.018	ug/l	95
14) Allyl chloride	5.024	41	278991	47.144	ug/l #	88
15) Acrylonitrile	5.724	53	442265	225.747	ug/l	98
16) Acetone	4.430	43	376536	211.746	ug/l	91
17) Carbon Disulfide	4.706	76	340943	40.964	ug/l	96
18) Methyl Acetate	5.030	43	334306	44.502	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	528276	49.323	ug/l	93
20) Methylene Chloride	5.277	84	166445	43.922	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	148608	44.571	ug/l #	83
22) Diisopropyl ether	6.677	45	590610	47.176	ug/l #	91
23) Vinyl Acetate	6.606	43	1903842	230.959	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	308863	45.160	ug/l	98
25) 2-Butanone	7.488	43	638141	223.830	ug/l #	76
26) 2,2-Dichloropropane	7.494	77	233752	42.283	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	182202	44.960	ug/l	86
28) Bromochloromethane	7.818	49	152502	42.035	ug/l #	77
29) Tetrahydrofuran	7.841	42	424410	224.905	ug/l #	71
30) Chloroform	7.971	83	309375	45.278	ug/l	91
31) Cyclohexane	8.259	56	241487	44.648	ug/l #	81
32) 1,1,1-Trichloroethane	8.177	97	269223	46.210	ug/l	97
36) 1,1-Dichloropropene	8.377	75	221694	49.369	ug/l	95
37) Ethyl Acetate	7.565	43	255678	50.888	ug/l #	88
38) Carbon Tetrachloride	8.365	117	231696	51.494	ug/l	96
39) Methylcyclohexane	9.606	83	204659	49.555	ug/l #	85
40) Benzene	8.612	78	639584	48.187	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	148047	54.103	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	233364	47.060	ug/l	98
43) Isopropyl Acetate	8.694	43	430266	48.451	ug/l #	87
44) Trichloroethene	9.359	130	163209	51.750	ug/l	92
45) 1,2-Dichloropropane	9.624	63	170774	48.325	ug/l	99
46) Dibromomethane	9.712	93	113427	46.796	ug/l	89
47) Bromodichloromethane	9.894	83	233399	48.764	ug/l	100
48) Methyl methacrylate	9.682	41	201462	50.063	ug/l #	76
49) 1,4-Dioxane	9.700	88	66207	965.916	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1280559	243.129	ug/l #	86
52) Toluene	10.635	92	394403	48.398	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	257125	50.094	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	275587	49.298	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	160561	49.139	ug/l	96
56) Ethyl methacrylate	10.876	69	261076	51.544	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	281866	48.229	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	489885	201.485	ug/l	90
59) 2-Hexanone	11.200	43	915795	240.059	ug/l	84
60) Dibromochloromethane	11.365	129	179679	52.256	ug/l	99
61) 1,2-Dibromoethane	11.470	107	164785	49.627	ug/l	97
64) Tetrachloroethene	11.106	164	126683	51.215	ug/l	90
65) Chlorobenzene	11.894	112	423241	50.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	159713	50.336	ug/l	96
67) Ethyl Benzene	11.970	91	754131	49.392	ug/l	96
68) m/p-Xylenes	12.076	106	563050	98.633	ug/l	97
69) o-Xylene	12.406	106	281914	50.767	ug/l	97
70) Styrene	12.418	104	464476	50.162	ug/l	98
71) Bromoform	12.582	173	126326	54.763	ug/l #	98
73) Isopropylbenzene	12.700	105	703454	47.597	ug/l	100
74) N-amyl acetate	12.500	43	355231	47.617	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	239447	44.870	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	216515m	50.696	ug/l	
77) Bromobenzene	12.982	156	171433	48.257	ug/l	100
78) n-propylbenzene	13.041	91	801828	46.786	ug/l	99
79) 2-Chlorotoluene	13.129	91	489401	46.035	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	579011	49.437	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	75456	45.133	ug/l #	85
82) 4-Chlorotoluene	13.223	91	472879	45.459	ug/l	98
83) tert-Butylbenzene	13.441	119	482667	49.048	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	569367	49.095	ug/l	97
85) sec-Butylbenzene	13.617	105	668621	49.371	ug/l	99
86) p-Isopropyltoluene	13.735	119	560836	51.833	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	298148	48.773	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	295250	48.255	ug/l	99
89) n-Butylbenzene	14.059	91	459865	51.645	ug/l	100
90) Hexachloroethane	14.335	117	100741	46.447	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	295240	48.566	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45793	52.070	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	136289	63.240	ug/l	98
94) Hexachlorobutadiene	15.506	225	61308	55.777	ug/l	99
95) Naphthalene	15.647	128	558798	67.464	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	137294	58.166	ug/l	98

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

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