Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
Data File : VN079941.D
Acq On : 07 Nov 2023 02:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 07 04:56:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone
11/07/2023
Supervised By :Mahesh Dadoda
11/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	285982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	492777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	462254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	255065	58.541	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.080%			
35) Dibromofluoromethane	8.171	113	196143	56.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.480%			
50) Toluene-d8	10.571	98	726743	56.603	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.200%#			
62) 4-Bromofluorobenzene	12.853	95	255459	59.992	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	188870	54.829	ug/l	100
3) Chloromethane	2.359	50	231328	54.216	ug/l	99
4) Vinyl Chloride	2.512	62	275350	61.065	ug/l	96
5) Bromomethane	2.942	94	137705	50.262	ug/l	99
6) Chloroethane	3.118	64	156147	43.826	ug/l	98
7) Trichlorofluoromethane	3.495	101	318872	56.857	ug/l	96
8) Diethyl Ether	3.965	74	114729	53.908	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.377	101	179921	55.341	ug/l	99
10) Methyl Iodide	4.589	142	204239	55.011	ug/l	98
11) Tert butyl alcohol	5.518	59	164660	296.049	ug/l	98
12) 1,1-Dichloroethene	4.342	96	164161	53.329	ug/l #	78
13) Acrolein	4.177	56	123673	294.227	ug/l	96
14) Allyl chloride	5.024	41	267910	56.823	ug/l #	92
15) Acrylonitrile	5.718	53	529303	305.374	ug/l	99
16) Acetone	4.424	43	416652	272.241	ug/l	91
17) Carbon Disulfide	4.712	76	442541	49.840	ug/l	100
18) Methyl Acetate	5.030	43	440631	60.178	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	612116	57.757	ug/l	93
20) Methylene Chloride	5.277	84	213856	55.378	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	189667	55.246	ug/l #	77
22) Diisopropyl ether	6.671	45	690680	63.213	ug/l #	89
23) Vinyl Acetate	6.606	43	1762293	292.408	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	399040	60.088	ug/l	98
25) 2-Butanone	7.483	43	678345	302.680	ug/l #	82
26) 2,2-Dichloropropane	7.489	77	267388	48.685	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	227363	55.364	ug/l	86
28) Bromochloromethane	7.818	49	204051	63.049	ug/l #	74
29) Tetrahydrofuran	7.841	42	455714	312.539	ug/l #	75
30) Chloroform	7.965	83	416288	57.709	ug/l	94
31) Cyclohexane	8.259	56	307229	53.362	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	347118	59.057	ug/l	94
36) 1,1-Dichloropropene	8.377	75	294131	59.065	ug/l	94
37) Ethyl Acetate	7.565	43	284381	62.267	ug/l #	90
38) Carbon Tetrachloride	8.365	117	300461	59.868	ug/l	99
39) Methylcyclohexane	9.606	83	254271	54.256	ug/l #	85
40) Benzene	8.612	78	872197	58.477	ug/l	100

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VSTDCCC050

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	154338	63.639	ug/l	#	85
42) 1,2-Dichloroethane	8.671	62	327716	62.902	ug/l		98
43) Isopropyl Acetate	8.694	43	493925	61.669	ug/l	#	89
44) Trichloroethene	9.359	130	201815	54.528	ug/l		98
45) 1,2-Dichloropropane	9.624	63	240085	62.987	ug/l		94
46) Dibromomethane	9.712	93	157119	60.368	ug/l		97
47) Bromodichloromethane	9.894	83	331105	59.651	ug/l		97
48) Methyl methacrylate	9.683	41	230894	65.816	ug/l	#	79
49) 1,4-Dioxane	9.700	88	78182	1261.224	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.447	43	1487679	329.924	ug/l		90
52) Toluene	10.635	92	540124	61.083	ug/l		98
53) t-1,3-Dichloropropene	10.841	75	324906	59.710	ug/l		97
54) cis-1,3-Dichloropropene	10.318	75	356207	60.058	ug/l		92
55) 1,1,2-Trichloroethane	11.018	97	217881	61.262	ug/l		93
56) Ethyl methacrylate	10.877	69	321461	63.366	ug/l	#	83
57) 1,3-Dichloropropane	11.165	76	386238	61.611	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	745940	290.111	ug/l		89
59) 2-Hexanone	11.200	43	1073145	311.102	ug/l		88
60) Dibromochloromethane	11.365	129	230606	60.575	ug/l		99
61) 1,2-Dibromoethane	11.471	107	210134	58.866	ug/l		99
64) Tetrachloroethene	11.106	164	173984	58.115	ug/l		96
65) Chlorobenzene	11.894	112	562916	56.139	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	215454	59.638	ug/l		97
67) Ethyl Benzene	11.965	91	1024731	58.657	ug/l		94
68) m/p-Xylenes	12.076	106	770276	118.361	ug/l		93
69) o-Xylene	12.400	106	368684	58.832	ug/l		92
70) Styrene	12.412	104	641763	63.723	ug/l		98
71) Bromoform	12.582	173	155273	60.528	ug/l	#	99
73) Isopropylbenzene	12.700	105	931343	57.759	ug/l		99
74) N-amyl acetate	12.494	43	398856	56.670	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	327101	57.214	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	252545m	50.630	ug/l		
77) Bromobenzene	12.982	156	229163	58.049	ug/l		94
78) n-propylbenzene	13.041	91	1112383	60.242	ug/l		97
79) 2-Chlorotoluene	13.129	91	687598	58.290	ug/l		100
80) 1,3,5-Trimethylbenzene	13.176	105	770154	61.389	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	89275	48.696	ug/l	#	85
82) 4-Chlorotoluene	13.223	91	698836	59.618	ug/l		97
83) tert-Butylbenzene	13.441	119	603347	58.754	ug/l		97
84) 1,2,4-Trimethylbenzene	13.488	105	777567	62.997	ug/l		99
85) sec-Butylbenzene	13.618	105	849205	59.688	ug/l		100
86) p-Isopropyltoluene	13.735	119	698636	60.229	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	411006	55.966	ug/l		99
88) 1,4-Dichlorobenzene	13.818	146	405342	54.377	ug/l		99
89) n-Butylbenzene	14.059	91	575382	57.591	ug/l		98
90) Hexachloroethane	14.335	117	134634	58.607	ug/l		89
91) 1,2-Dichlorobenzene	14.106	146	406346	58.613	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	57550	59.359	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	176395	53.511	ug/l		99
94) Hexachlorobutadiene	15.506	225	81354	54.441	ug/l		100
95) Naphthalene	15.647	128	563136	50.375	ug/l		99
96) 1,2,3-Trichlorobenzene	15.847	180	174426	53.981	ug/l		98

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

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

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