Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009740.D
Acq On : 17 Feb 2020 17:48
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
2/20/2020 7:56:38 AM

Quant Time: Feb 17 18:25:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	103478	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	431401	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.05	164	277749	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	610643	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	605534	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	586157	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	20291	8.06	ng/uL	0.00
5) Phenol-d5	6.61	99	174687	19.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	125396	20.65	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.95	132	139070	20.99	ng/ul	-0.02
13) 4-Methylphenol-d8	8.12	113	142216	20.31	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	65716	20.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	70782	20.50	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.80	165	139443	21.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	160235	21.49	ng/ul	-0.01
44) Dimethylphthalate-d6	13.47	166	433368	20.89	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	521620	21.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	73929	19.51	ng/ul	0.00
58) Fluorene-d10	15.06	176	377792	21.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	69985	18.45	ng/ul	0.00
71) Anthracene-d10	16.91	188	574809	20.54	ng/ul	0.00
79) Pyrene-d10	19.22	212	625741	19.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	619849	21.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	23599	8.165	ng/uL	98
4) Benzaldehyde	6.58	77	132491	22.636	ng/ul	94
6) Phenol	6.63	94	193072	20.470	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.86	93	155217	20.938	ng/ul	95
10) 2-Chlorophenol	6.98	128	147370	21.114	ng/ul	98
11) 2-Methylphenol	7.86	108	138755	20.103	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.94	45	398254	21.915	ng/ul	99
14) Acetophenone	8.23	105	235213	20.617	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.22	70	128540	21.563	ng/ul	95
16) 4-Methylphenol	8.19	108	156446	20.658	ng/ul	100
17) Hexachloroethane	8.46	117	65199	20.532	ng/ul	97
20) Nitrobenzene	8.59	77	199698	21.473	ng/ul	97
21) Isophorone	9.12	82	346320	21.159	ng/ul	99
23) 2-Nitrophenol	9.30	139	81655	21.136	ng/ul	99
24) 2,4-Dimethylphenol	9.37	107	181344	21.619	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.60	93	210271	21.021	ng/ul	98
27) 2,4-Dichlorophenol	9.82	162	145653	21.750	ng/ul	98
28) Naphthalene	10.20	128	496486	21.342	ng/ul	99
30) 4-Chloroaniline	10.33	127	164824	21.583	ng/ul	100
31) Hexachlorobutadiene	10.50	225	94643	21.133	ng/ul	93
32) Caprolactam	11.12	113	40526	18.045	ng/ul	94
33) 4-Chloro-3-methylphenol	11.47	107	165162	21.569	ng/ul	100
34) 2-Methylnaphthalene	11.83	142	341300	21.129	ng/ul	99

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	342012	21.123 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	173722	21.101 ng/ul	99
38) Hexachlorocyclopentadiene	12.19	237	65764	18.463 ng/ul	99
39) 2,4,6-Trichlorophenol	12.47	196	110283	21.106 ng/ul	98
40) 2,4,5-Trichlorophenol	12.55	196	120241	21.451 ng/ul	97
41) 1,1'-Biphenyl	12.87	154	455064	21.332 ng/ul	95
42) 2-Chloronaphthalene	12.91	162	364046	21.488 ng/ul	99
43) 2-Nitroaniline	13.13	65	133189	21.497 ng/ul	98
45) Dimethylphthalate	13.53	163	462228	21.352 ng/ul	98
46) 2,6-Dinitrotoluene	13.65	165	89333	21.080 ng/ul	96
48) Acenaphthylene	13.77	152	565859	21.397 ng/ul	99
49) 3-Nitroaniline	13.98	138	77707	19.861 ng/ul	94
50) Acenaphthene	14.12	153	382475	21.097 ng/ul	97
51) 2,4-Dinitrophenol	14.20	184	40309	16.568 ng/ul	96
53) 4-Nitrophenol	14.30	109	69921	20.451 ng/ul	93
54) Dibenzofuran	14.46	168	549825	21.607 ng/ul	96
55) 2,4-Dinitrotoluene	14.45	165	139061	22.141 ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	14.70	232	102752	21.320 ng/ul	96
57) Diethylphthalate	14.91	149	465712	20.951 ng/ul	99
59) Fluorene	15.11	166	450708	21.105 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.12	204	221899	21.069 ng/ul	97
61) 4-Nitroaniline	15.15	138	98384m	20.621 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.22	198	77356	18.930 ng/ul	97
65) N-Nitrosodiphenylamine	15.33	169	377584	20.840 ng/ul	97
66) 4-Bromophenyl-phenylether	16.01	248	126364	20.681 ng/ul	97
67) Hexachlorobenzene	16.12	284	140588	20.793 ng/ul	94
68) Atrazine	16.30	200	136030	19.792 ng/ul	95
69) Pentachlorophenol	16.47	266	68332	17.488 ng/ul	96
70) Phenanthrene	16.85	178	733239	21.040 ng/ul	99
72) Anthracene	16.95	178	743846	20.879 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.83	216	184703	20.704 ng/uL	94
74) Pentachlorobenzene	14.38	250	178915	20.796 ng/uL	92
75) Carbazole	17.22	167	627774	20.010 ng/ul	98
76) Di-n-butylphthalate	17.80	149	790193	20.406 ng/ul	100
77) Fluoranthene	18.88	202	818012	20.039 ng/ul	100
80) Pyrene	19.25	202	856868	19.628 ng/ul	99
81) Butylbenzylphthalate	20.18	149	339567	18.921 ng/ul	97
82) 3,3'-Dichlorobenzidine	20.96	252	244282	18.503 ng/ul	99
83) Benzo(a)anthracene	21.02	228	802691	19.290 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	527189	19.241 ng/ul	100
85) Chrysene	21.06	228	795333	19.414 ng/ul	99
87) Di-n-octyl phthalate	21.83	149	867027	19.543 ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	784199	20.635 ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	796550	22.135 ng/ul	99
91) Benzo(a)pyrene	23.05	252	737935	21.589 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	865889	21.337 ng/ul	97
93) Dibenzo(a,h)anthracene	25.20	278	744238	21.438 ng/ul	99
94) Benzo(g,h,i)perylene	25.82	276	710172	20.870 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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