Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005228.D
Acq On : 23 Apr 2019 23:02
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02070

Manual Integrations APPROVED
Sohil
4/24/2019 11:44:54 AM

Quant Time: Apr 24 09:28:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	553099	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2331179	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1355196	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2861969	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1971080	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	2009319	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	84252	7.35	ng/uL	0.00
5) Phenol-d5	6.78	99	857324	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	511123	18.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	683905	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	671913	19.79	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	323202	22.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	355209	24.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	697948	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	864613	25.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1977393	20.10	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2463688	20.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	304339	19.59	ng/ul	0.00
57) Fluorene-d10	15.23	176	1646828	19.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	203597	15.82	ng/ul	0.00
70) Anthracene-d10	17.09	188	2364391	19.71	ng/ul	0.00
78) Pyrene-d10	19.39	212	2199950	21.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1795195	20.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	93755	7.609	ng/uL	98
4) Benzaldehyde	6.75	77	599118	19.462	ng/ul	99
6) Phenol	6.80	94	884283	19.790	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.04	93	683326	19.099	ng/ul	96
10) 2-Chlorophenol	7.17	128	693363	20.174	ng/ul	97
11) 2-Methylphenol	8.03	108	664765	19.854	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.13	45	1093762	18.207	ng/ul	98
14) Acetophenone	8.41	105	1078420	19.843	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	551718	18.978	ng/ul	94
16) 4-Methylphenol	8.36	108	716337	19.810	ng/ul	99
17) Hexachloroethane	8.66	117	278243	18.643	ng/ul	95
20) Nitrobenzene	8.78	77	798499	20.222	ng/ul	97
21) Isophorone	9.30	82	1524170	19.495	ng/ul	99
23) 2-Nitrophenol	9.48	139	382024	23.177	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	785200	19.025	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.79	93	946044	19.255	ng/ul	100
27) 2,4-Dichlorophenol	10.01	162	682906	20.753	ng/ul	98
28) Naphthalene	10.41	128	2150799	19.846	ng/ul	98
30) 4-Chloroaniline	10.52	127	877619	25.058	ng/ul	99
31) Hexachlorobutadiene	10.70	225	466484	20.075	ng/ul	98
32) Caprolactam	11.27	113	213910m	21.485	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	745195	20.112	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	1568340	19.764	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	873883	20.837 ng/ul	96
37) Hexachlorocyclopentadiene	12.39	237	426072	14.900 ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	540542	21.374 ng/ul	99
39) 2,4,5-Trichlorophenol	12.72	196	580757	21.371 ng/ul	99
40) 1,1'-Biphenyl	13.06	154	2043728	20.240 ng/ul	99
41) 2-Chloronaphthalene	13.09	162	1575481	20.287 ng/ul	97
42) 2-Nitroaniline	13.30	65	481278	23.365 ng/ul	95
44) Dimethylphthalate	13.70	163	1954521	19.939 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	400394	23.656 ng/ul	92
47) Acenaphthylene	13.95	152	2392161	20.146 ng/ul	99
48) 3-Nitroaniline	14.14	138	396025	25.168 ng/ul	97
49) Acenaphthene	14.30	153	1619831	19.982 ng/ul	100
50) 2,4-Dinitrophenol	14.35	184	147685	17.913 ng/ul	94
52) 4-Nitrophenol	14.45	109	258974	18.368 ng/ul	93
53) Dibenzofuran	14.63	168	2347362	20.112 ng/ul	100
54) 2,4-Dinitrotoluene	14.60	165	555087	22.749 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.86	232	471480	20.855 ng/ul	97
56) Diethylphthalate	15.08	149	1985478	20.200 ng/ul	99
58) Fluorene	15.29	166	1815102	19.930 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.29	204	974804	20.177 ng/ul	98
60) 4-Nitroaniline	15.30	138	409405	20.871 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.37	198	211289	15.423 ng/ul	97
64) N-Nitrosodiphenylamine	15.50	169	1633590	20.855 ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	605833	21.012 ng/ul	98
66) Hexachlorobenzene	16.29	284	624761	20.349 ng/ul	96
67) Atrazine	16.46	200	598295	20.517 ng/ul	100
68) Pentachlorophenol	16.63	266	316944	17.631 ng/ul	97
69) Phenanthrene	17.03	178	2769191	19.868 ng/ul	99
71) Anthracene	17.12	178	2767060	19.488 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	885250	21.177 ng/uL	98
73) Pentachlorobenzene	14.55	250	791908	21.048 ng/uL	99
74) Carbazole	17.39	167	2376113	19.481 ng/ul	99
75) Di-n-butylphthalate	17.98	149	3241958	21.184 ng/ul	100
76) Fluoranthene	19.06	202	2836405	18.347 ng/ul	99
79) Pyrene	19.42	202	2804729	22.100 ng/ul	99
80) Butylbenzylphthalate	20.36	149	1203780	23.957 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.13	252	721415	18.319 ng/ul	99
82) Benzo(a)anthracene	21.20	228	2425614	19.781 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.16	149	1770387	22.882 ng/ul	99
84) Chrysene	21.25	228	2267366	19.923 ng/ul	99
86) Di-n-octyl phthalate	22.04	149	2758879	22.418 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2294907	20.318 ng/ul	97
88) Benzo(k)fluoranthene	22.80	252	2197521	20.371 ng/ul	99
90) Benzo(a)pyrene	23.32	252	2160951	20.354 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.59	276	2432699	20.725 ng/ul	100
92) Dibenzo(a,h)anthracene	25.60	278	2036489	20.443 ng/ul	99
93) Benzo(g,h,i)perylene	26.25	276	1934148	19.928 ng/ul	98

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

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