Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006059.D
Acq On : 04 Jun 2019 07:35
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02097

Quant Time: Jun 04 08:09:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 04 04:16:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	470913	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1893917	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	934630	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1677982	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1321916	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1574944	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	84665	8.37	ng/uL	0.00
5) Phenol-d5	6.90	99	784908	20.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	454575	20.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	630363	20.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	608581	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	303268	22.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	317464	21.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	583696	21.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	716867	21.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1457559	22.04	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	1858735	21.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	220752	18.07	ng/ul	0.01
57) Fluorene-d10	15.38	176	1137262	20.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	90437	11.12	ng/ul	0.00
70) Anthracene-d10	17.24	188	1535557	21.84	ng/ul	0.00
78) Pyrene-d10	19.55	212	1491086	19.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1480133	21.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	87380	8.265	ng/uL	99
4) Benzaldehyde	6.87	77	542112	20.472	ng/ul	98
6) Phenol	6.93	94	801035	20.157	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.15	93	637507	20.763	ng/ul	100
10) 2-Chlorophenol	7.29	128	642299	20.585	ng/ul	98
11) 2-Methylphenol	8.17	108	597382	19.632	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	827377	20.145	ng/ul	99
14) Acetophenone	8.55	105	922293	20.017	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.54	70	476398	19.957	ng/ul	98
16) 4-Methylphenol	8.50	108	647627	19.624	ng/ul	99
17) Hexachloroethane	8.80	117	223930	19.345	ng/ul	99
20) Nitrobenzene	8.93	77	696689	21.742	ng/ul	98
21) Isophorone	9.45	82	1292302	21.235	ng/ul	99
23) 2-Nitrophenol	9.64	139	335218	21.082	ng/ul	99
24) 2,4-Dimethylphenol	9.70	107	694778	21.453	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.93	93	821909	21.340	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	571657	21.291	ng/ul	97
28) Naphthalene	10.57	128	1898725	21.310	ng/ul	99
30) 4-Chloroaniline	10.68	127	722110	21.335	ng/ul	100
31) Hexachlorobutadiene	10.85	225	365539	23.008	ng/ul	99
32) Caprolactam	11.44	113	179998	18.076	ng/ul	98
33) 4-Chloro-3-methylphenol	11.82	107	598462	19.612	ng/ul	97
34) 2-Methylnaphthalene	12.19	142	1299653	20.450	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	647172	23.451 ng/ul	99
37) Hexachlorocyclopentadiene	12.54	237	114886	13.109 ng/ul	100
38) 2,4,6-Trichlorophenol	12.81	196	412189	22.730 ng/ul	99
39) 2,4,5-Trichlorophenol	12.88	196	425555	22.027 ng/ul	99
40) 1,1'-Biphenyl	13.21	154	1604254	22.777 ng/ul	99
41) 2-Chloronaphthalene	13.25	162	1218939	22.391 ng/ul	99
42) 2-Nitroaniline	13.46	65	346927	20.926 ng/ul	95
44) Dimethylphthalate	13.84	163	1440388	22.008 ng/ul	100
45) 2,6-Dinitrotoluene	13.97	165	284206	20.622 ng/ul	97
47) Acenaphthylene	14.11	152	1816137	21.728 ng/ul	99
48) 3-Nitroaniline	14.29	138	297451	21.093 ng/ul	100
49) Acenaphthene	14.45	153	1201161	21.330 ng/ul	98
50) 2,4-Dinitrophenol	14.51	184	48517	7.753 ng/ul	97
52) 4-Nitrophenol	14.61	109	167724	18.166 ng/ul	99
53) Dibenzofuran	14.78	168	1685528	21.078 ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	355516	18.642 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.02	232	318260	20.269 ng/ul	97
56) Diethylphthalate	15.21	149	1384158	21.325 ng/ul	99
58) Fluorene	15.44	166	1263504	20.450 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	651224	21.326 ng/ul	99
60) 4-Nitroaniline	15.46	138	292391	18.077 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.53	198	94944	11.427 ng/ul#	99
64) N-Nitrosodiphenylamine	15.65	169	1112348	23.272 ng/ul	100
65) 4-Bromophenyl-phenylether	16.33	248	390382	23.193 ng/ul	97
66) Hexachlorobenzene	16.45	284	404339	22.575 ng/ul	98
67) Atrazine	16.61	200	363328	22.046 ng/ul	99
68) Pentachlorophenol	16.79	266	197266	20.013 ng/ul	99
69) Phenanthrene	17.18	178	1770578	21.744 ng/ul	100
71) Anthracene	17.27	178	1824123	22.060 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	647072	26.326 ng/uL	99
73) Pentachlorobenzene	14.71	250	533792	24.330 ng/uL	98
74) Carbazole	17.55	167	1601715	22.519 ng/ul	99
75) Di-n-butylphthalate	18.11	149	2095558	23.002 ng/ul	99
76) Fluoranthene	19.21	202	1859176	23.462 ng/ul	98
79) Pyrene	19.58	202	1858222	19.503 ng/ul	98
80) Butylbenzylphthalate	20.48	149	847313	19.653 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.27	252	684466	27.162 ng/ul	98
82) Benzo(a)anthracene	21.34	228	1753570	21.469 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	1150411	19.416 ng/ul	99
84) Chrysene	21.39	228	1666182	21.560 ng/ul	99
86) Di-n-octyl phthalate	22.16	149	2045614	18.975 ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	1770465	20.381 ng/ul	99
88) Benzo(k)fluoranthene	23.00	252	1777226	21.113 ng/ul	100
90) Benzo(a)pyrene	23.55	252	1761894	21.332 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.95	276	2084314	21.920 ng/ul	98
92) Dibenzo(a,h)anthracene	25.96	278	1762190	21.981 ng/ul	99
93) Benzo(g,h,i)perylene	26.65	276	1766643	22.573 ng/ul	98

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

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