Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
Data File : BN006089.D
Acq On : 05 Jun 2019 06:04
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02010

Quant Time: Jun 05 06:38:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 04 17:47:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	313343	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1335327	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	720422	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1568970	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1512223	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1701888	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	64982	8.98	ng/uL	0.00
5) Phenol-d5	6.82	99	554436	22.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	321100	22.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	432885	21.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	410336	21.15	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	198993	20.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	219802	20.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	396945	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	495142	21.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1063877	20.82	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1416848	21.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	199894	22.15	ng/ul	0.00
57) Fluorene-d10	15.30	176	918143	21.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	153644	17.50	ng/ul	0.00
70) Anthracene-d10	17.15	188	1448188	21.63	ng/ul	0.00
78) Pyrene-d10	19.46	212	1570362	21.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1600579	21.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	68239	9.128	ng/uL	98
4) Benzaldehyde	6.79	77	360082	21.191	ng/ul	99
6) Phenol	6.85	94	572282	22.365	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.08	93	437178	22.015	ng/ul	97
10) 2-Chlorophenol	7.21	128	444437	21.638	ng/ul	97
11) 2-Methylphenol	8.09	108	419712	21.861	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.18	45	610232	22.995	ng/ul	99
14) Acetophenone	8.46	105	637405	21.720	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	334773	21.527	ng/ul	99
16) 4-Methylphenol	8.42	108	453476	21.985	ng/ul	99
17) Hexachloroethane	8.72	117	179334	20.763	ng/ul	98
20) Nitrobenzene	8.85	77	482811	21.417	ng/ul	100
21) Isophorone	9.36	82	918213	21.136	ng/ul	99
23) 2-Nitrophenol	9.55	139	234674	21.014	ng/ul	96
24) 2,4-Dimethylphenol	9.62	107	477896	21.076	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	568823	21.271	ng/ul	98
27) 2,4-Dichlorophenol	10.08	162	390913	20.987	ng/ul	100
28) Naphthalene	10.48	128	1332654	21.162	ng/ul	99
30) 4-Chloroaniline	10.59	127	494584	21.609	ng/ul	99
31) Hexachlorobutadiene	10.76	225	234741	19.714	ng/ul	96
32) Caprolactam	11.35	113	131925	21.130	ng/ul	99
33) 4-Chloro-3-methylphenol	11.73	107	428275	21.126	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	913686	20.814	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	448364	20.791	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	189729	15.405	ng/ul	99
38) 2,4,6-Trichlorophenol	12.72	196	285831	20.714	ng/ul	98
39) 2,4,5-Trichlorophenol	12.79	196	311191	21.145	ng/ul	96
40) 1,1'-Biphenyl	13.13	154	1146509	21.186	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	881796	21.076	ng/ul	99
42) 2-Nitroaniline	13.38	65	266439	21.917	ng/ul	97
44) Dimethylphthalate	13.76	163	1053703	20.787	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	215438	20.931	ng/ul	100
47) Acenaphthylene	14.02	152	1394114	21.462	ng/ul	99
48) 3-Nitroaniline	14.21	138	225477	22.410	ng/ul	97
49) Acenaphthene	14.37	153	936905	21.434	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	84178	15.434	ng/ul	96
52) 4-Nitrophenol	14.53	109	146738	21.444	ng/ul	97
53) Dibenzofuran	14.70	168	1323657	21.460	ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	316071	21.874	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.93	232	260963	21.520	ng/ul	99
56) Diethylphthalate	15.13	149	1068132	21.040	ng/ul	100
58) Fluorene	15.36	166	1046009	21.662	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.35	204	512811	21.302	ng/ul	99
60) 4-Nitroaniline	15.38	138	271298	23.026	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.45	198	162800	17.867	ng/ul	96
64) N-Nitrosodiphenylamine	15.57	169	929879	21.313	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	310385	20.142	ng/ul	96
66) Hexachlorobenzene	16.36	284	346694	20.486	ng/ul	97
67) Atrazine	16.52	200	319322	20.401	ng/ul	98
68) Pentachlorophenol	16.71	266	193686	20.126	ng/ul	99
69) Phenanthrene	17.10	178	1674605	21.764	ng/ul	99
71) Anthracene	17.19	178	1728029	21.976	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	456519	20.247	ng/uL	99
73) Pentachlorobenzene	14.63	250	410056	20.364	ng/uL	99
74) Carbazole	17.46	167	1600440	22.785	ng/ul	100
75) Di-n-butylphthalate	18.03	149	1864700	20.871	ng/ul	100
76) Fluoranthene	19.12	202	1974141	22.893	ng/ul	97
79) Pyrene	19.49	202	2021386	21.743	ng/ul	99
80) Butylbenzylphthalate	20.40	149	911114	20.940	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.19	252	692186	21.900	ng/ul#	98
82) Benzo(a)anthracene	21.25	228	1964802	21.134	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	1326908	21.122	ng/ul	100
84) Chrysene	21.30	228	1907467	21.406	ng/ul	100
86) Di-n-octyl phthalate	22.07	149	2359161	22.974	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	1980934	21.835	ng/ul	99
88) Benzo(k)fluoranthene	22.88	252	1895054	21.338	ng/ul	99
90) Benzo(a)pyrene	23.40	252	1907916	21.753	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	2242591	20.971	ng/ul	95
92) Dibenzo(a,h)anthracene	25.75	278	1887099	20.925	ng/ul	99
93) Benzo(g,h,i)perylene	26.42	276	1879121	20.673	ng/ul	98

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

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