Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002669.D
Acq On : 12 Sep 2018 23:34
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02040

Quant Time: Sep 13 06:02:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	167697	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	750124	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	438638	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	980066	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	764606	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	628405	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	27297	7.68	ng/uL	0.00
5) Phenol-d5	6.85	99	292819	19.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	179591	18.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	239884	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	237164	19.29	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	119124	19.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	136716	21.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	248276	21.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	293902	23.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	725538	19.95	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	930997	20.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	116231	16.91	ng/ul	0.00
57) Fluorene-d10	15.29	176	630987	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	116623	18.69	ng/ul	0.00
70) Anthracene-d10	17.15	188	954514	20.39	ng/ul	0.00
78) Pyrene-d10	19.45	212	932694	25.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	665157	20.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	29392	7.733	ng/uL#	94
4) Benzaldehyde	6.82	77	190893	18.070	ng/ul	94
6) Phenol	6.88	94	296489	18.934	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.09	93	224379	18.849	ng/ul#	87
10) 2-Chlorophenol	7.23	128	239729	20.331	ng/ul#	91
11) 2-Methylphenol	8.11	108	229036	19.380	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	361494	18.336	ng/ul#	86
14) Acetophenone	8.48	105	368350	18.743	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.46	70	191844	18.500	ng/ul#	84
16) 4-Methylphenol	8.43	108	244371	19.007	ng/ul	99
17) Hexachloroethane	8.72	117	95580	19.351	ng/ul	99
20) Nitrobenzene	8.85	77	275813	19.302	ng/ul	95
21) Isophorone	9.37	82	536917	19.491	ng/ul	96
23) 2-Nitrophenol	9.56	139	141852	21.493	ng/ul#	89
24) 2,4-Dimethylphenol	9.62	107	278178	20.554	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	322413	19.866	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	240013	21.483	ng/ul	98
28) Naphthalene	10.48	128	765395	19.832	ng/ul	100
30) 4-Chloroaniline	10.60	127	293261	23.257	ng/ul	100
31) Hexachlorobutadiene	10.76	225	145955	20.753	ng/ul	97
32) Caprolactam	11.36	113	82209	19.587	ng/ul#	62
33) 4-Chloro-3-methylphenol	11.74	107	260243	20.243	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	564487	19.817	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	282056	21.229 ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	108374	13.428 ng/ul	97
38) 2,4,6-Trichlorophenol	12.72	196	188138	21.991 ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	197565	21.581 ng/ul	99
40) 1,1'-Biphenyl	13.12	154	719721	20.497 ng/ul	99
41) 2-Chloronaphthalene	13.16	162	561138	20.500 ng/ul	96
42) 2-Nitroaniline	13.37	65	175984	20.186 ng/ul	83
44) Dimethylphthalate	13.76	163	711178	19.942 ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	150511	20.889 ng/ul	97
47) Acenaphthylene	14.01	152	864559	20.357 ng/ul	99
48) 3-Nitroaniline	14.21	138	149300	21.778 ng/ul	95
49) Acenaphthene	14.36	153	608379	20.307 ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	66840	15.505 ng/ul#	1
52) 4-Nitrophenol	14.54	109	83522	16.032 ng/ul#	82
53) Dibenzofuran	14.69	168	843164	19.949 ng/ul	94
54) 2,4-Dinitrotoluene	14.68	165	217620	20.032 ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.93	232	164718	20.607 ng/ul	93
56) Diethylphthalate	15.13	149	724218	19.904 ng/ul	99
58) Fluorene	15.35	166	688860	19.921 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	343486	20.126 ng/ul	91
60) 4-Nitroaniline	15.38	138	172760	19.500 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.45	198	119672	18.591 ng/ul	100
64) N-Nitrosodiphenylamine	15.56	169	600320	20.962 ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	214209	21.424 ng/ul	91
66) Hexachlorobenzene	16.36	284	234684	21.032 ng/ul	91
67) Atrazine	16.52	200	222492	21.250 ng/ul	99
68) Pentachlorophenol	16.70	266	109589	17.545 ng/ul	99
69) Phenanthrene	17.09	178	1083817	20.060 ng/ul	99
71) Anthracene	17.18	178	1100113	20.076 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	299827	21.879 ng/uL	99
73) Pentachlorobenzene	14.62	250	280524	21.477 ng/uL	99
74) Carbazole	17.45	167	977457	20.114 ng/ul	99
75) Di-n-butylphthalate	18.02	149	1263242	21.383 ng/ul	99
76) Fluoranthene	19.11	202	1185504	19.279 ng/ul	100
79) Pyrene	19.47	202	1157133	25.098 ng/ul	99
80) Butylbenzylphthalate	20.38	149	542980	27.796 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.16	252	309662	20.322 ng/ul	97
82) Benzo(a)anthracene	21.23	228	945055	20.175 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	765646	26.131 ng/ul	98
84) Chrysene	21.28	228	871559	19.659 ng/ul	99
86) Di-n-octyl phthalate	22.03	149	1193153	29.877 ng/ul#	92
87) Benzo(b)fluoranthene	22.80	252	772706	20.514 ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	735161	20.717 ng/ul	100
90) Benzo(a)pyrene	23.37	252	718135	20.014 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.67	276	841417	19.711 ng/ul	97
92) Dibenzo(a,h)anthracene	25.68	278	700561	19.630 ng/ul	99
93) Benzo(g,h,i)perylene	26.36	276	700815	19.676 ng/ul	97

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

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