Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
Data File : BP003030.D
Acq On : 19 Aug 2020 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 19 11:35:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	355884	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1374966	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	868399	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1640132	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1753184	20.00	ng	0.00
86) Perylene-d12	23.42	264	1806104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1809968	77.84	ng	0.00
7) Phenol-d6	6.87	99	2374424	73.55	ng	0.00
23) Nitrobenzene-d5	8.83	82	1837628	72.39	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1046739	96.98	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4568485	71.88	ng	0.00
79) Terphenyl-d14	19.65	244	6461379	73.78	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	332917	33.353	ng	99
3) Pyridine	3.62	79	924810	33.256	ng	99
4) n-Nitrosodimethylamine	3.53	42	258687	31.667	ng	95
6) Aniline	7.02	93	1353973	36.150	ng	99
8) 2-Chlorophenol	7.26	128	1103965	44.528	ng	99
9) Benzaldehyde	6.83	77	596724	34.716	ng	99
10) Phenol	6.89	94	1163566	35.787	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	900078	35.992	ng	100
12) 1,3-Dichlorobenzene	7.58	146	1210585	43.262	ng	100
13) 1,4-Dichlorobenzene	7.72	146	1222016	43.204	ng	99
14) 1,2-Dichlorobenzene	8.03	146	1197839	44.408	ng	100
15) Benzyl Alcohol	7.92	79	763678	35.852	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	747096	31.798	ng	99
17) 2-Methylphenol	8.13	107	857517	41.273	ng	100
18) Hexachloroethane	8.76	117	409864	41.545	ng	96
19) n-Nitroso-di-n-propylamine	8.49	70	585684	31.486	ng	99
20) 3+4-Methylphenols	8.46	107	1153474	41.193	ng	100
22) Acetophenone	8.50	105	1426860	36.781	ng	99
24) Nitrobenzene	8.88	77	942139	34.185	ng	97
25) Isophorone	9.40	82	1915419	35.121	ng	100
26) 2-Nitrophenol	9.58	139	619128	53.271	ng	98
27) 2,4-Dimethylphenol	9.65	122	924843	42.583	ng	100
28) bis(2-Chloroethoxy)methane	9.89	93	1127667	37.062	ng	99
29) 2,4-Dichlorophenol	10.12	162	1066303	46.649	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	1124264	42.075	ng	100
31) Naphthalene	10.52	128	3028625	38.479	ng	99
32) Benzoic acid	9.81	122	695898	53.443	ng	99
33) 4-Chloroaniline	10.62	127	1290649	39.568	ng	100
34) Hexachlorobutadiene	10.82	225	600658	36.733	ng	99
35) Caprolactam	11.40	113	311887	44.098	ng	94
36) 4-Chloro-3-methylphenol	11.76	107	919806	38.711	ng	100
37) 2-Methylnaphthalene	12.13	142	2215366	39.569	ng	99
38) 1-Methylnaphthalene	12.36	142	2083166	39.526	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	1055548	33.808	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	542344	33.484 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	756661	41.814 ng	100
44) 2,4,5-Trichlorophenol	12.82	196	813312	40.970 ng	100
46) 1,1'-Biphenyl	13.16	154	2691865	37.497 ng	100
47) 2-Chloronaphthalene	13.19	162	2107380	37.487 ng	100
48) 2-Nitroaniline	13.39	65	495746	36.401 ng	95
49) Acenaphthylene	14.05	152	3815514	43.278 ng	99
50) Dimethylphthalate	13.79	163	2954855	43.505 ng	99
51) 2,6-Dinitrotoluene	13.90	165	713383	46.679 ng	97
52) Acenaphthene	14.39	154	2272910	40.112 ng	99
53) 3-Nitroaniline	14.23	138	765503	47.643 ng	97
54) 2,4-Dinitrophenol	14.43	184	343738	55.982 ng	98
55) Dibenzofuran	14.73	168	3685025	42.397 ng	98
56) 4-Nitrophenol	14.55	139	652001	54.135 ng	97
57) 2,4-Dinitrotoluene	14.69	165	995192	49.217 ng	99
58) Fluorene	15.37	166	2629306	38.637 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	768154	46.377 ng	100
60) Diethylphthalate	15.16	149	3003098	45.249 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	1286744	36.739 ng	98
62) 4-Nitroaniline	15.40	138	743455	47.213 ng	98
63) Azobenzene	15.67	77	2160356	32.333 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	529370	59.941 ng	98
66) n-Nitrosodiphenylamine	15.59	169	2551850	46.979 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	942737	47.246 ng	95
68) Hexachlorobenzene	16.39	284	1045269	45.290 ng	97
69) Atrazine	16.55	200	816787	44.383 ng	98
70) Pentachlorophenol	16.73	266	636539	53.186 ng	100
71) Phenanthrene	17.12	178	4054771	42.160 ng	100
72) Anthracene	17.21	178	4044745	43.029 ng	100
73) Carbazole	17.48	167	4027692	43.875 ng	100
74) Di-n-butylphthalate	18.06	149	4666829	48.327 ng	100
75) Fluoranthene	19.10	202	4813459	43.439 ng	98
77) Benzidine	19.27	184	1826026	34.156 ng	100
78) Pyrene	19.45	202	4884492	39.854 ng	100
80) Butylbenzylphthalate	20.33	149	2538894	50.805 ng	99
81) Benzo(a)anthracene	21.16	228	5192121	43.478 ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	2211989	46.798 ng	99
83) Chrysene	21.21	228	4757054	42.229 ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	3364948	49.609 ng	99
85) Di-n-octyl phthalate	21.97	149	6152174	55.212 ng	100
87) Indeno(1,2,3-cd)pyrene	25.72	276	6142422	42.466 ng	98
88) Benzo(b)fluoranthene	22.74	252	5322222	41.758 ng	99
89) Benzo(k)fluoranthene	22.79	252	4962128	41.191 ng	99
90) Benzo(a)pyrene	23.32	252	4967784	43.137 ng	99
91) Dibenzo(a,h)anthracene	25.73	278	5146881	41.808 ng	98
92) Benzo(g,h,i)perylene	26.41	276	5280083	44.353 ng	99

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

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