Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
Data File : BP002726.D
Acq On : 13 Jul 2020 09:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 13 10:55:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	170615	20.00	ng		0.00
21) Naphthalene-d8	10.33	136	664522	20.00	ng		0.00
39) Acenaphthene-d10	14.21	164	416618	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	888105	20.00	ng		0.00
76) Chrysene-d12	21.07	240	847801	20.00	ng		0.00
86) Perylene-d12	23.26	264	875811	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	774990	76.64	ng		0.00
7) Phenol-d6	6.76	99	1135537	78.68	ng		0.00
23) Nitrobenzene-d5	8.70	82	1013637	81.58	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	363905	83.68	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	2133812	79.23	ng		0.00
79) Terphenyl-d14	19.56	244	2984198	80.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	165355	37.506	ng		99
3) Pyridine	3.50	79	510346	38.843	ng		98
4) n-Nitrosodimethylamine	3.43	42	198780	40.161	ng		97
6) Aniline	6.89	93	715966	39.188	ng		99
8) 2-Chlorophenol	7.13	128	432407	38.433	ng		99
9) Benzaldehyde	6.70	77	281493	35.900	ng		98
10) Phenol	6.78	94	581324	39.321	ng		98
11) bis(2-Chloroethyl)ether	6.99	93	472007	38.385	ng		99
12) 1,3-Dichlorobenzene	7.45	146	490692	38.034	ng		98
13) 1,4-Dichlorobenzene	7.59	146	494013	38.155	ng		98
14) 1,2-Dichlorobenzene	7.90	146	475162	38.057	ng		99
15) Benzyl Alcohol	7.80	79	394968	40.896	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	682900	38.615	ng		99
17) 2-Methylphenol	8.02	107	413326	39.243	ng		99
18) Hexachloroethane	8.62	117	176737	38.539	ng		96
19) n-Nitroso-di-n-propylamine	8.36	70	353386	40.209	ng		98
20) 3+4-Methylphenols	8.35	107	556366	39.949	ng		96
22) Acetophenone	8.37	105	658595	40.202	ng	#	98
24) Nitrobenzene	8.75	77	542157	40.291	ng		99
25) Isophorone	9.27	82	1021516	40.340	ng		99
26) 2-Nitrophenol	9.45	139	241197	41.501	ng		99
27) 2,4-Dimethylphenol	9.53	122	377923	40.053	ng		99
28) bis(2-Chloroethoxy)methane	9.76	93	608004	39.529	ng		99
29) 2,4-Dichlorophenol	9.99	162	423163	40.678	ng		99
30) 1,2,4-Trichlorobenzene	10.20	180	471606	39.580	ng		98
31) Naphthalene	10.37	128	1370595	39.066	ng		100
32) Benzoic acid	9.70	122	262820	37.768	ng		99
33) 4-Chloroaniline	10.49	127	611681	40.688	ng		99
34) Hexachlorobutadiene	10.67	225	274904	39.916	ng		98
35) Caprolactam	11.26	113	145131	39.901	ng		96
36) 4-Chloro-3-methylphenol	11.65	107	454979	40.575	ng		100
37) 2-Methylnaphthalene	12.00	142	976705	39.451	ng		99
38) 1-Methylnaphthalene	12.22	142	918639	39.231	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	503160	39.298	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	188430	37.571 ng	99
43) 2,4,6-Trichlorophenol	12.63	196	335012	40.878 ng	98
44) 2,4,5-Trichlorophenol	12.72	196	395463	41.603 ng	98
46) 1,1'-Biphenyl	13.03	154	1214000	39.086 ng	99
47) 2-Chloronaphthalene	13.07	162	979385	38.822 ng	99
48) 2-Nitroaniline	13.28	65	325640	41.759 ng	95
49) Acenaphthylene	13.92	152	1557348	39.159 ng	100
50) Dimethylphthalate	13.67	163	1248507	39.295 ng	99
51) 2,6-Dinitrotoluene	13.79	165	278130	40.888 ng	96
52) Acenaphthene	14.27	154	939427	39.525 ng	99
53) 3-Nitroaniline	14.12	138	318416	41.839 ng	98
54) 2,4-Dinitrophenol	14.34	184	111312	36.539 ng	95
55) Dibenzofuran	14.61	168	1490363	39.098 ng	99
56) 4-Nitrophenol	14.47	139	215194	38.065 ng	99
57) 2,4-Dinitrotoluene	14.59	165	377168	42.103 ng	99
58) Fluorene	15.26	166	1119324	39.684 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	307391	41.025 ng	97
60) Diethylphthalate	15.06	149	1223805	39.727 ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	601434	40.130 ng	100
62) 4-Nitroaniline	15.29	138	319608	39.560 ng	97
63) Azobenzene	15.56	77	1265238	39.945 ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	198677	38.587 ng	97
66) n-Nitrosodiphenylamine	15.49	169	1045759	39.861 ng	100
67) 4-Bromophenyl-phenylether	16.16	248	389785	40.292 ng	98
68) Hexachlorobenzene	16.28	284	410834	40.307 ng	97
69) Atrazine	16.45	200	292675	40.864 ng	99
70) Pentachlorophenol	16.63	266	167482	38.255 ng	98
71) Phenanthrene	17.01	178	1899655	39.506 ng	100
72) Anthracene	17.10	178	1903797	40.347 ng	99
73) Carbazole	17.38	167	1862629	40.226 ng	99
74) Di-n-butylphthalate	17.96	149	2071494	41.250 ng	100
75) Fluoranthene	19.00	202	2244772	40.289 ng	98
77) Benzidine	19.18	184	838239	39.889 ng	100
78) Pyrene	19.35	202	2321995	39.668 ng	100
80) Butylbenzylphthalate	20.24	149	953344	41.272 ng	96
81) Benzo(a)anthracene	21.06	228	2187500	39.859 ng	100
82) 3,3'-Dichlorobenzidine	21.00	252	761952	41.922 ng	98
83) Chrysene	21.12	228	2089554	39.999 ng	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	1329600	41.386 ng	100
85) Di-n-octyl phthalate	21.87	149	2376549	41.146 ng	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	2593903	40.978 ng	99
88) Benzo(b)fluoranthene	22.62	252	2246471	41.308 ng	99
89) Benzo(k)fluoranthene	22.66	252	2220753	41.458 ng	99
90) Benzo(a)pyrene	23.17	252	2105414	40.854 ng	100
91) Dibenzo(a,h)anthracene	25.48	278	2125197	41.630 ng	99
92) Benzo(g,h,i)perylene	26.14	276	2084124	40.266 ng	99

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

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