Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002913.D
Acq On : 06 Aug 2020 10:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 06 12:36:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	456945	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	1549162	20.00	ng		0.00
39) Acenaphthene-d10	14.35	164	859099	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	1655088	20.00	ng		0.00
76) Chrysene-d12	21.19	240	1441507	20.00	ng		0.00
86) Perylene-d12	23.46	264	1525228	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	2409864	80.72	ng		0.00
7) Phenol-d6	6.89	99	3085652	74.44	ng		0.00
23) Nitrobenzene-d5	8.86	82	2323809	81.25	ng		0.00
42) 2,4,6-Tribromophenol	15.85	330	951744	89.13	ng		0.00
45) 2-Fluorobiphenyl	12.97	172	5401672	85.91	ng		0.00
79) Terphenyl-d14	19.68	244	6488428	90.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	491742	38.369	ng		97
3) Pyridine	3.65	79	1276821	35.759	ng		96
4) n-Nitrosodimethylamine	3.56	42	361711	34.486	ng		91
6) Aniline	7.05	93	1737776	36.135	ng		95
8) 2-Chlorophenol	7.28	128	1272371	39.970	ng		96
9) Benzaldehyde	6.85	77	731028	33.123	ng		92
10) Phenol	6.92	94	1529334	36.634	ng		96
11) bis(2-Chloroethyl)ether	7.15	93	1171681	36.490	ng		95
12) 1,3-Dichlorobenzene	7.60	146	1447697	40.293	ng		96
13) 1,4-Dichlorobenzene	7.75	146	1460619	40.219	ng		98
14) 1,2-Dichlorobenzene	8.06	146	1369897	39.554	ng		98
15) Benzyl Alcohol	7.95	79	963012	35.211	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	977364	32.399	ng		97
17) 2-Methylphenol	8.16	107	986506	36.980	ng		97
18) Hexachloroethane	8.79	117	506768	40.007	ng		95
19) n-Nitroso-di-n-propylamine	8.52	70	763472	31.966	ng	#	96
20) 3+4-Methylphenols	8.49	107	1328448	36.949	ng		98
22) Acetophenone	8.53	105	1704975	39.008	ng		98
24) Nitrobenzene	8.90	77	1200945	38.675	ng		93
25) Isophorone	9.43	82	2265528	36.869	ng		97
26) 2-Nitrophenol	9.61	139	609273	47.100	ng		91
27) 2,4-Dimethylphenol	9.68	122	1003637	41.015	ng		96
28) bis(2-Chloroethoxy)methane	9.92	93	1312299	38.280	ng		99
29) 2,4-Dichlorophenol	10.15	162	1135530	44.091	ng		98
30) 1,2,4-Trichlorobenzene	10.36	180	1295429	43.029	ng		99
31) Naphthalene	10.55	128	3628002	40.911	ng		100
32) Benzoic acid	9.82	122	681820	47.476	ng		95
33) 4-Chloroaniline	10.65	127	1459934	39.725	ng		97
34) Hexachlorobutadiene	10.85	225	823176	44.681	ng		99
35) Caprolactam	11.42	113	316288	39.691	ng		89
36) 4-Chloro-3-methylphenol	11.79	107	1051029	39.259	ng		98
37) 2-Methylnaphthalene	12.16	142	2532089	40.140	ng		99
38) 1-Methylnaphthalene	12.38	142	2362486	39.785	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1360253	44.039	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	751508	46.900	ng		100
43) 2,4,6-Trichlorophenol	12.77	196	866844	48.422	ng		100
44) 2,4,5-Trichlorophenol	12.85	196	924043	47.052	ng		97
46) 1,1'-Biphenyl	13.19	154	2985794	42.041	ng		98
47) 2-Chloronaphthalene	13.22	162	2351278	42.279	ng		98
48) 2-Nitroaniline	13.42	65	501989	37.165	ng		87
49) Acenaphthylene	14.07	152	3605986	41.344	ng		100
50) Dimethylphthalate	13.82	163	2646477	39.386	ng		100
51) 2,6-Dinitrotoluene	13.92	165	606197	40.504	ng	#	86
52) Acenaphthene	14.42	154	2319336	41.374	ng		99
53) 3-Nitroaniline	14.25	138	617471	39.450	ng		93
54) 2,4-Dinitrophenol	14.45	184	263764	45.230	ng	#	86
55) Dibenzofuran	14.75	168	3478079	40.450	ng		98
56) 4-Nitrophenol	14.56	139	504018	42.301	ng		91
57) 2,4-Dinitrotoluene	14.71	165	776994	39.644	ng		93
58) Fluorene	15.40	166	2663418	39.562	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	756855	46.189	ng		97
60) Diethylphthalate	15.19	149	2488132	37.895	ng		99
61) 4-Chlorophenyl-phenylether	15.40	204	1401345	40.444	ng		98
62) 4-Nitroaniline	15.42	138	597244	38.792	ng		93
63) Azobenzene	15.70	77	2277373	34.454	ng		96
65) 4,6-Dinitro-2-methylphenol	15.48	198	393471	45.968	ng		90
66) n-Nitrosodiphenylamine	15.62	169	2324054	42.398	ng		99
67) 4-Bromophenyl-phenylether	16.30	248	873894	43.400	ng		98
68) Hexachlorobenzene	16.42	284	968892	41.601	ng		97
69) Atrazine	16.57	200	750022	40.387	ng		98
70) Pentachlorophenol	16.76	266	575608	47.660	ng		99
71) Phenanthrene	17.15	178	3989430	41.106	ng		99
72) Anthracene	17.24	178	3966992	41.821	ng		99
73) Carbazole	17.50	167	3704720	39.992	ng		99
74) Di-n-butylphthalate	18.09	149	4015459	41.206	ng		99
75) Fluoranthene	19.12	202	4432620	39.641	ng		99
77) Benzidine	19.30	184	1705389	38.797	ng		100
78) Pyrene	19.47	202	4524598	44.900	ng		99
80) Butylbenzylphthalate	20.36	149	1703789	42.028	ng		89
81) Benzo(a)anthracene	21.18	228	4099831	41.755	ng		98
82) 3,3'-Dichlorobenzidine	21.12	252	1735039	44.644	ng		100
83) Chrysene	21.23	228	3926407	42.392	ng		98
84) Bis(2-ethylhexyl)phthalate	21.13	149	2430897	43.587	ng		99
85) Di-n-octyl phthalate	22.02	149	4089435	44.636	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.77	276	5351157	43.808	ng		99
88) Benzo(b)fluoranthene	22.77	252	4235937	39.356	ng		100
89) Benzo(k)fluoranthene	22.82	252	4111616	40.416	ng		100
90) Benzo(a)pyrene	23.36	252	4015858	41.292	ng		99
91) Dibenzo(a,h)anthracene	25.79	278	4534774	43.619	ng		99
92) Benzo(g,h,i)perylene	26.47	276	4519080	44.951	ng		100

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

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