Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003181.D
Acq On : 02 Sep 2020 11:48
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Sep 02 15:05:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	235659	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	946637	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	587823	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1274707	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1342456	20.00	ng	0.00
86) Perylene-d12	23.37	264	1626143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	976454	73.26	ng	0.00
7) Phenol-d6	6.83	99	1284772	76.89	ng	0.00
23) Nitrobenzene-d5	8.80	82	1005005	76.54	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	630967	79.37	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2923131	72.82	ng	0.00
79) Terphenyl-d14	19.63	244	4515282	74.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	177438	34.821	ng	99
3) Pyridine	3.58	79	501047	37.362	ng	99
4) n-Nitrosodimethylamine	3.50	42	142997	40.834	ng	99
6) Aniline	6.98	93	705612	38.788	ng	99
8) 2-Chlorophenol	7.22	128	559936	37.682	ng	99
9) Benzaldehyde	6.79	77	315204	40.463	ng	100
10) Phenol	6.86	94	591564	38.204	ng	99
11) bis(2-Chloroethyl)ether	7.08	93	463821	37.845	ng	99
12) 1,3-Dichlorobenzene	7.55	146	667200	36.927	ng	99
13) 1,4-Dichlorobenzene	7.69	146	671700	36.825	ng	100
14) 1,2-Dichlorobenzene	8.00	146	640828	37.057	ng	100
15) Benzyl Alcohol	7.89	79	390205	41.449	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	404714	38.967	ng	99
17) 2-Methylphenol	8.10	107	432443	39.203	ng	99
18) Hexachloroethane	8.73	117	227198	38.074	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	303340	40.183	ng	99
20) 3+4-Methylphenols	8.43	107	583531	39.261	ng	99
22) Acetophenone	8.47	105	781268	37.059	ng	100
24) Nitrobenzene	8.84	77	488220	37.854	ng	98
25) Isophorone	9.36	82	899759	38.835	ng	99
26) 2-Nitrophenol	9.55	139	306630	39.888	ng	100
27) 2,4-Dimethylphenol	9.62	122	433104	37.478	ng	99
28) bis(2-Chloroethoxy)methane	9.85	93	634321	36.758	ng	99
29) 2,4-Dichlorophenol	10.09	162	547115	38.161	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	621014	36.379	ng	99
31) Naphthalene	10.48	128	1761504	36.219	ng	100
32) Benzoic acid	9.78	122	327291	38.745	ng	98
33) 4-Chloroaniline	10.59	127	773536	38.066	ng	99
34) Hexachlorobutadiene	10.78	225	382152	37.301	ng	99
35) Caprolactam	11.36	113	177640	41.231	ng	98
36) 4-Chloro-3-methylphenol	11.73	107	521193	38.934	ng	99
37) 2-Methylnaphthalene	12.10	142	1281783	36.842	ng	99
38) 1-Methylnaphthalene	12.32	142	1215847	36.768	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	643857	36.955	ng	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	289557	35.158	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	449722	39.256	ng	99
44) 2,4,5-Trichlorophenol	12.79	196	468012	38.622	ng	98
46) 1,1'-Biphenyl	13.13	154	1593157	36.133	ng	100
47) 2-Chloronaphthalene	13.16	162	1311521	36.339	ng	99
48) 2-Nitroaniline	13.36	65	278149	41.161	ng	97
49) Acenaphthylene	14.02	152	2025414	37.113	ng	99
50) Dimethylphthalate	13.76	163	1657768	36.982	ng	100
51) 2,6-Dinitrotoluene	13.87	165	356415	38.256	ng	97
52) Acenaphthene	14.36	154	1212642	36.169	ng	100
53) 3-Nitroaniline	14.20	138	413817	39.204	ng	98
54) 2,4-Dinitrophenol	14.41	184	163136	36.702	ng	99
55) Dibenzofuran	14.70	168	1907017	36.217	ng	100
56) 4-Nitrophenol	14.52	139	312631	41.169	ng	97
57) 2,4-Dinitrotoluene	14.66	165	501369	40.024	ng	97
58) Fluorene	15.35	166	1492426	36.794	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	428552	39.089	ng	99
60) Diethylphthalate	15.13	149	1664096	37.838	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	768146	36.672	ng	99
62) 4-Nitroaniline	15.37	138	435835	40.168	ng	99
63) Azobenzene	15.64	77	1102675	37.777	ng	99
65) 4,6-Dinitro-2-methylphenol	15.43	198	239639	39.310	ng	97
66) n-Nitrosodiphenylamine	15.56	169	1358813	36.456	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	521457	37.066	ng	99
68) Hexachlorobenzene	16.36	284	617187	36.848	ng	98
69) Atrazine	16.52	200	481485	38.301	ng	99
70) Pentachlorophenol	16.70	266	340594	42.524	ng	99
71) Phenanthrene	17.09	178	2487462	36.013	ng	99
72) Anthracene	17.18	178	2429461	36.751	ng	100
73) Carbazole	17.45	167	2357859	37.165	ng	100
74) Di-n-butylphthalate	18.03	149	2925361	39.225	ng	100
75) Fluoranthene	19.07	202	3010171	37.707	ng	99
77) Benzidine	19.25	184	1211313	39.480	ng	100
78) Pyrene	19.42	202	3076281	35.307	ng	100
80) Butylbenzylphthalate	20.30	149	1435739	40.022	ng	99
81) Benzo(a)anthracene	21.13	228	3113724	37.029	ng	99
82) 3,3'-Dichlorobenzidine	21.06	252	1235775	39.952	ng	99
83) Chrysene	21.18	228	2916829	36.228	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	2045617	39.485	ng	99
85) Di-n-octyl phthalate	21.94	149	3685434	41.491	ng	100
87) Indeno(1,2,3-cd)pyrene	25.65	276	4232154	34.899	ng	100
88) Benzo(b)fluoranthene	22.70	252	3574134	35.363	ng	99
89) Benzo(k)fluoranthene	22.75	252	3340449	34.592	ng	100
90) Benzo(a)pyrene	23.28	252	3339158	35.612	ng	99
91) Dibenzo(a,h)anthracene	25.66	278	3472748	34.860	ng	100
92) Benzo(g,h,i)perylene	26.34	276	3451178	34.521	ng	99

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

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