Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
Data File : BP002510.D
Acq On : 23 Jun 2020 20:27
Operator : CG/JU
Sample : PB129713BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129713BS

Quant Time: Jun 24 00:14:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	159841	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	626944	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	363289	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	771798	20.00	ng	0.00
76) Chrysene-d12	21.10	240	792798	20.00	ng	-0.01
86) Perylene-d12	23.30	264	906754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1072110	124.11	ng	0.00
7) Phenol-d6	6.78	99	1332348	115.85	ng	0.00
23) Nitrobenzene-d5	8.73	82	875059	83.35	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	431922	124.18	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1800062	83.31	ng	0.00
79) Terphenyl-d14	19.58	244	2639017	85.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	151234	38.008	ng	99
3) Pyridine	3.53	79	420260	38.860	ng	96
4) n-Nitrosodimethylamine	3.46	42	196995	44.202	ng	97
6) Aniline	6.92	93	559706	35.785	ng	98
8) 2-Chlorophenol	7.16	128	418206	43.058	ng	99
9) Benzaldehyde	6.73	77	206576	31.933	ng	98
10) Phenol	6.80	94	523847	41.997	ng	100
11) bis(2-Chloroethyl)ether	7.02	93	416856	40.028	ng	98
12) 1,3-Dichlorobenzene	7.48	146	466868	41.744	ng	98
13) 1,4-Dichlorobenzene	7.62	146	474226	42.144	ng	97
14) 1,2-Dichlorobenzene	7.93	146	449221	41.675	ng	98
15) Benzyl Alcohol	7.82	79	346623	38.886	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.12	45	574865	38.904	ng	100
17) 2-Methylphenol	8.04	107	345778	37.937	ng	99
18) Hexachloroethane	8.65	117	175927	42.916	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	305835	39.784	ng	99
20) 3+4-Methylphenols	8.36	107	460258	37.417	ng	98
22) Acetophenone	8.40	105	589198	41.831	ng	99
24) Nitrobenzene	8.77	77	477777	42.337	ng	98
25) Isophorone	9.29	82	842189	39.389	ng	99
26) 2-Nitrophenol	9.47	139	221098	43.968	ng	97
27) 2,4-Dimethylphenol	9.56	122	350197	44.391	ng	100
28) bis(2-Chloroethoxy)methane	9.78	93	531620	41.743	ng	99
29) 2,4-Dichlorophenol	10.02	162	378294	42.599	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	423921	42.826	ng	99
31) Naphthalene	10.40	128	1229790	42.223	ng	99
32) Benzoic acid	9.70	122	197570	32.066	ng	100
33) 4-Chloroaniline	10.52	127	401290	31.559	ng	99
34) Hexachlorobutadiene	10.70	225	251883	43.604	ng	96
35) Caprolactam	11.27	113	118828	37.939	ng	97
36) 4-Chloro-3-methylphenol	11.66	107	396902	41.307	ng	98
37) 2-Methylnaphthalene	12.03	142	870193	42.093	ng	98
38) 1-Methylnaphthalene	12.25	142	823319	42.431	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	431479	45.056	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	426968	83.863 ng	99
43) 2,4,6-Trichlorophenol	12.66	196	293369	43.286 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	317977	40.517 ng	99
46) 1,1'-Biphenyl	13.06	154	1056768	44.385 ng	98
47) 2-Chloronaphthalene	13.10	162	839148	43.087 ng	98
48) 2-Nitroaniline	13.30	65	264250	42.503 ng	100
49) Acenaphthylene	13.95	152	1328013	42.722 ng	99
50) Dimethylphthalate	13.70	163	1018357	40.910 ng	99
51) 2,6-Dinitrotoluene	13.81	165	229814	42.511 ng	98
52) Acenaphthene	14.30	154	777282	42.685 ng	99
53) 3-Nitroaniline	14.14	138	203917	33.035 ng	97
54) 2,4-Dinitrophenol	14.35	184	213140	67.340 ng	99
55) Dibenzofuran	14.64	168	1234456	42.105 ng	100
56) 4-Nitrophenol	14.47	139	397574	81.119 ng	96
57) 2,4-Dinitrotoluene	14.61	165	314257	42.707 ng	96
58) Fluorene	15.29	166	938007	40.676 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	281827	45.239 ng	99
60) Diethylphthalate	15.08	149	1006929	40.371 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	478719	42.057 ng	98
62) 4-Nitroaniline	15.31	138	241325	40.688 ng	99
63) Azobenzene	15.59	77	1046355	42.145 ng	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	167258	41.068 ng	99
66) n-Nitrosodiphenylamine	15.51	169	866548	43.951 ng	100
67) 4-Bromophenyl-phenylether	16.19	248	306670	41.945 ng	96
68) Hexachlorobenzene	16.30	284	339726	43.789 ng	96
69) Atrazine	16.47	200	285807	44.437 ng	99
70) Pentachlorophenol	16.65	266	410950	88.535 ng	98
71) Phenanthrene	17.03	178	1606046	44.485 ng	100
72) Anthracene	17.12	178	1630414	45.460 ng	98
73) Carbazole	17.40	167	1513703	42.903 ng	99
74) Di-n-butylphthalate	17.98	149	1803036	43.183 ng	99
75) Fluoranthene	19.02	202	1975803	45.848 ng	100
77) Benzidine	19.20	184	1198953	67.680 ng	100
78) Pyrene	19.37	202	2019125	41.579 ng	98
80) Butylbenzylphthalate	20.26	149	852360	39.485 ng	100
81) Benzo(a)anthracene	21.09	228	1952872	43.155 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	713404	42.420 ng	97
83) Chrysene	21.13	228	1873718	43.703 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1261592	40.177 ng	99
85) Di-n-octyl phthalate	21.90	149	2254478	40.934 ng	100
87) Indeno(1,2,3-cd)pyrene	25.52	276	2489071	43.888 ng	99
88) Benzo(b)fluoranthene	22.64	252	2130551	43.571 ng	98
89) Benzo(k)fluoranthene	22.69	252	2058258	44.301 ng	100
90) Benzo(a)pyrene	23.20	252	1968555	42.959 ng	98
91) Dibenzo(a,h)anthracene	25.53	278	2034191	44.714 ng	100
92) Benzo(g,h,i)perylene	26.20	276	2090479	44.367 ng	96

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

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