Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003165.D
Acq On : 01 Sep 2020 14:00
Operator : CG/JU
Sample : PB131322BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131322BS

Quant Time: Sep 01 14:44:13 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	201944	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	766711	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	438233	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	867447	20.00	ng	0.00
76) Chrysene-d12	21.14	240	828102	20.00	ng	0.00
86) Perylene-d12	23.37	264	927626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1192513	104.40	ng	0.00
7) Phenol-d6	6.84	99	1392048	97.22	ng	0.00
23) Nitrobenzene-d5	8.80	82	1011012	95.06	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	573425	96.75	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2849521	95.22	ng	0.00
79) Terphenyl-d14	19.62	244	2930690	77.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	163469	37.435	ng	99
3) Pyridine	3.58	79	355673	30.950	ng	99
4) n-Nitrosodimethylamine	3.50	42	122441	40.801	ng	99
6) Aniline	6.98	93	526125	33.750	ng	100
8) 2-Chlorophenol	7.22	128	503218	39.519	ng	99
9) Benzaldehyde	6.79	77	216955	32.501	ng	99
10) Phenol	6.86	94	513422	38.693	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	397351	37.834	ng	99
12) 1,3-Dichlorobenzene	7.55	146	577481	37.298	ng	99
13) 1,4-Dichlorobenzene	7.69	146	580987	37.170	ng	99
14) 1,2-Dichlorobenzene	8.00	146	549486	37.080	ng	99
15) Benzyl Alcohol	7.89	79	315142	39.064	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	322581	36.245	ng	98
17) 2-Methylphenol	8.10	107	364920	38.605	ng	98
18) Hexachloroethane	8.73	117	191641	37.477	ng	99
19) n-Nitroso-di-n-propylamine	8.46	70	243378	37.622	ng	99
20) 3+4-Methylphenols	8.43	107	482252	37.864	ng	99
22) Acetophenone	8.47	105	639677	37.464	ng	99
24) Nitrobenzene	8.84	77	397925	38.093	ng	98
25) Isophorone	9.36	82	726058	38.692	ng	99
26) 2-Nitrophenol	9.55	139	249131	40.014	ng	100
27) 2,4-Dimethylphenol	9.62	122	418290	44.691	ng	100
28) bis(2-Chloroethoxy)methane	9.85	93	491703	35.180	ng	99
29) 2,4-Dichlorophenol	10.09	162	445393	38.356	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	514628	37.221	ng	99
31) Naphthalene	10.48	128	1480486	37.584	ng	99
32) Benzoic acid	9.77	122	192531	30.603	ng	99
33) 4-Chloroaniline	10.59	127	313078	19.022	ng	98
34) Hexachlorobutadiene	10.78	225	305427	36.808	ng	99
35) Caprolactam	11.35	113	115475	33.092	ng	98
36) 4-Chloro-3-methylphenol	11.73	107	398699	36.773	ng	97
37) 2-Methylnaphthalene	12.10	142	1045373	37.098	ng	100
38) 1-Methylnaphthalene	12.32	142	977960	36.514	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	520586	40.079	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	676798	110.227 ng	100
43) 2,4,6-Trichlorophenol	12.72	196	327887	38.391 ng	99
44) 2,4,5-Trichlorophenol	12.79	196	352774	39.050 ng	98
46) 1,1'-Biphenyl	13.12	154	1288023	39.184 ng	100
47) 2-Chloronaphthalene	13.16	162	982474	36.514 ng	99
48) 2-Nitroaniline	13.36	65	178560	35.443 ng	97
49) Acenaphthylene	14.01	152	1551472	38.133 ng	99
50) Dimethylphthalate	13.76	163	1168277	34.958 ng	100
51) 2,6-Dinitrotoluene	13.87	165	253957	36.563 ng	99
52) Acenaphthene	14.36	154	896648	35.873 ng	100
53) 3-Nitroaniline	14.20	138	160301	20.371 ng	99
54) 2,4-Dinitrophenol	14.41	184	223041	60.841 ng	99
55) Dibenzofuran	14.70	168	1428519	36.391 ng	99
56) 4-Nitrophenol	14.52	139	418478	73.918 ng	100
57) 2,4-Dinitrotoluene	14.66	165	338710	36.269 ng	99
58) Fluorene	15.35	166	1095339	36.223 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	303418	37.122 ng	99
60) Diethylphthalate	15.13	149	1128732	34.426 ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	558879	35.789 ng	98
62) 4-Nitroaniline	15.36	138	240785	29.767 ng	98
63) Azobenzene	15.64	77	780800	35.881 ng	99
65) 4,6-Dinitro-2-methylphenol	15.43	198	164542	39.663 ng	95
66) n-Nitrosodiphenylamine	15.56	169	969264	38.214 ng	99
67) 4-Bromophenyl-phenylether	16.25	248	356851	37.275 ng	97
68) Hexachlorobenzene	16.36	284	416323	36.526 ng	100
69) Atrazine	16.52	200	291323	34.054 ng	99
70) Pentachlorophenol	16.70	266	467755	85.819 ng	100
71) Phenanthrene	17.09	178	1692286	36.003 ng	100
72) Anthracene	17.18	178	1720509	38.246 ng	100
73) Carbazole	17.45	167	1543778	35.758 ng	99
74) Di-n-butylphthalate	18.03	149	1803786	35.541 ng	100
75) Fluoranthene	19.07	202	1929512	35.518 ng	100
77) Benzidine	19.25	184	1230277	65.004 ng	100
78) Pyrene	19.42	202	1953062	36.339 ng	100
80) Butylbenzylphthalate	20.30	149	783425	35.402 ng	99
81) Benzo(a)anthracene	21.13	228	1895985	36.552 ng	100
82) 3,3'-Dichlorobenzidine	21.06	252	575987	30.188 ng	99
83) Chrysene	21.18	228	1814715	36.539 ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1175228	36.774 ng	100
85) Di-n-octyl phthalate	21.95	149	2077639	37.918 ng	100
87) Indeno(1,2,3-cd)pyrene	25.64	276	2711251	39.193 ng	100
88) Benzo(b)fluoranthene	22.70	252	2049782	35.553 ng	100
89) Benzo(k)fluoranthene	22.75	252	2063083	37.452 ng	99
90) Benzo(a)pyrene	23.27	252	1932831	36.136 ng	99
91) Dibenzo(a,h)anthracene	25.66	278	2266706	39.887 ng	99
92) Benzo(g,h,i)perylene	26.33	276	2301993	40.365 ng	100

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

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