Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
Data File : BP003257.D
Acq On : 11 Sep 2020 13:08
Operator : CG/JU
Sample : PB131525BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131525BSD

Quant Time: Sep 11 13:42:45 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	205747	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	813118	20.00	ng	-0.01
39) Acenaphthene-d10	14.29	164	472482	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	949061	20.00	ng	0.00
76) Chrysene-d12	21.14	240	783087	20.00	ng	0.00
86) Perylene-d12	23.38	264	799145	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1136578	97.67	ng	0.00
7) Phenol-d6	6.84	99	1337066	91.66	ng	0.00
23) Nitrobenzene-d5	8.79	82	820774	72.77	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	667481	104.45	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	2283063	70.76	ng	0.00
79) Terphenyl-d14	19.62	244	2829592	79.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	222951	50.113	ng	99
3) Pyridine	3.57	79	307553	26.268	ng	99
4) n-Nitrosodimethylamine	3.49	42	125718	41.119	ng	94
6) Aniline	6.98	93	564353	35.533	ng	98
8) 2-Chlorophenol	7.22	128	533797	41.145	ng	98
9) Benzaldehyde	6.79	77	269143	39.573	ng	99
10) Phenol	6.87	94	544267	40.259	ng	98
11) bis(2-Chloroethyl)ether	7.08	93	413415	38.636	ng	99
12) 1,3-Dichlorobenzene	7.53	146	575344	36.473	ng	98
13) 1,4-Dichlorobenzene	7.68	146	590184	37.060	ng	99
14) 1,2-Dichlorobenzene	7.99	146	563287	37.309	ng	100
15) Benzyl Alcohol	7.89	79	366159	44.549	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	350279	38.629	ng	99
17) 2-Methylphenol	8.10	107	402968	41.842	ng	99
18) Hexachloroethane	8.72	117	199320	38.258	ng	98
19) n-Nitroso-di-n-propylamine	8.45	70	263610	39.996	ng	97
20) 3+4-Methylphenols	8.43	107	535790	41.290	ng	100
22) Acetophenone	8.46	105	668983	36.944	ng	99
24) Nitrobenzene	8.83	77	437792	39.518	ng	98
25) Isophorone	9.36	82	834117	41.914	ng	99
26) 2-Nitrophenol	9.55	139	300377	45.491	ng	98
27) 2,4-Dimethylphenol	9.62	122	466219	46.969	ng	100
28) bis(2-Chloroethoxy)methane	9.85	93	547122	36.911	ng	99
29) 2,4-Dichlorophenol	10.09	162	510722	41.472	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	543306	37.053	ng	100
31) Naphthalene	10.47	128	1587319	37.996	ng	100
32) Benzoic acid	9.80	122	229085	33.238	ng	97
33) 4-Chloroaniline	10.59	127	496123	28.423	ng	99
34) Hexachlorobutadiene	10.77	225	330805	37.591	ng	99
35) Caprolactam	11.36	113	153645	41.517	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	481340	41.861	ng	97
37) 2-Methylnaphthalene	12.10	142	1147748	38.406	ng	100
38) 1-Methylnaphthalene	12.32	142	1078674	37.976	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	575734	41.112	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	446326	67.422 ng	99
43) 2,4,6-Trichlorophenol	12.72	196	392163	42.589 ng	100
44) 2,4,5-Trichlorophenol	12.80	196	416675	42.780 ng	99
46) 1,1'-Biphenyl	13.12	154	1443527	40.732 ng	100
47) 2-Chloronaphthalene	13.16	162	1097633	37.837 ng	99
48) 2-Nitroaniline	13.36	65	237932	43.805 ng	95
49) Acenaphthylene	14.01	152	1792966	40.874 ng	99
50) Dimethylphthalate	13.76	163	1402660	38.929 ng	100
51) 2,6-Dinitrotoluene	13.87	165	313569	41.874 ng	99
52) Acenaphthene	14.36	154	1030968	38.256 ng	99
53) 3-Nitroaniline	14.20	138	255692	30.137 ng	99
54) 2,4-Dinitrophenol	14.42	184	224083	57.223 ng	95
55) Dibenzofuran	14.69	168	1634568	38.621 ng	97
56) 4-Nitrophenol	14.54	139	476423	78.053 ng	97
57) 2,4-Dinitrotoluene	14.67	165	420749	41.788 ng	98
58) Fluorene	15.35	166	1261328	38.688 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	359551	40.801 ng	99
60) Diethylphthalate	15.13	149	1387228	39.243 ng	99
61) 4-Chlorophenyl-phenylether	15.34	204	644613	38.287 ng	96
62) 4-Nitroaniline	15.37	138	317723	36.431 ng	96
63) Azobenzene	15.63	77	967220	41.226 ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	196541	43.303 ng	97
66) n-Nitrosodiphenylamine	15.56	169	1164462	41.961 ng	99
67) 4-Bromophenyl-phenylether	16.24	248	434007	41.435 ng	96
68) Hexachlorobenzene	16.36	284	504289	40.439 ng	99
69) Atrazine	16.52	200	371017	39.640 ng	99
70) Pentachlorophenol	16.71	266	494737	82.964 ng	99
71) Phenanthrene	17.09	178	2002408	38.938 ng	100
72) Anthracene	17.18	178	2056373	41.781 ng	100
73) Carbazole	17.45	167	1836940	38.889 ng	99
74) Di-n-butylphthalate	18.02	149	2315062	41.692 ng	99
75) Fluoranthene	19.07	202	2254378	37.929 ng	100
77) Benzidine	19.25	184	1037456	57.967 ng	99
78) Pyrene	19.42	202	2243520	44.142 ng	100
80) Butylbenzylphthalate	20.30	149	978379	46.754 ng	97
81) Benzo(a)anthracene	21.13	228	1995414	40.680 ng	100
82) 3,3'-Dichlorobenzidine	21.06	252	671032	37.191 ng	99
83) Chrysene	21.18	228	1864016	39.689 ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1368434	45.282 ng	100
85) Di-n-octyl phthalate	21.94	149	2292603	44.247 ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	2552501	42.830 ng	99
88) Benzo(b)fluoranthene	22.70	252	1986578	39.996 ng	100
89) Benzo(k)fluoranthene	22.75	252	1949955	41.089 ng	99
90) Benzo(a)pyrene	23.28	252	1842750	39.990 ng	99
91) Dibenzo(a,h)anthracene	25.67	278	2147901	43.874 ng	99
92) Benzo(g,h,i)perylene	26.35	276	2226953	45.327 ng	98

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

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