Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
Data File : BP003884.D
Acq On : 10 Nov 2020 03:01
Operator : CG/JU
Sample : PB132892BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132894BSD

Quant Time: Nov 10 05:17:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.305	152	216000	20.00	ng		0.00
21) Naphthalene-d8	11.140	136	817466	20.00	ng	#	0.00
39) Acenaphthene-d10	14.922	164	468269	20.00	ng		0.00
64) Phenanthrene-d10	17.651	188	868005	20.00	ng	#	0.00
76) Chrysene-d12	21.680	240	662024	20.00	ng		0.01
86) Perylene-d12	24.157	264	656059	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.828	112	1775001	137.15	ng		0.00
7) Phenol-d6	7.481	99	2243779	120.77	ng		0.01
23) Nitrobenzene-d5	9.475	82	1415928	84.83	ng		0.00
42) 2,4,6-Tribromophenol	16.404	330	778805	132.97	ng		0.00
45) 2-Fluorobiphenyl	13.551	172	3008494	89.82	ng		0.00
79) Terphenyl-d14	20.145	244	3298602	96.26	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	174543	31.26	ng	#	61
3) Pyridine	3.946	79	555584	33.93	ng	#	60
4) n-Nitrosodimethylamine	3.846	42	328941	43.63	ng	#	51
6) Aniline	7.610	93	633285	30.02	ng	#	84
8) 2-Chlorophenol	7.875	128	676393	49.23	ng		83
9) Benzaldehyde	7.405	77	139402	13.37	ng	#	79
10) Phenol	7.505	94	837583	46.72	ng		82
11) bis(2-Chloroethyl)ether	7.693	93	658912	45.73	ng	#	81
12) 1,3-Dichlorobenzene	8.199	146	752449	44.68	ng	#	94
13) 1,4-Dichlorobenzene	8.340	146	764136	45.01	ng		97
14) 1,2-Dichlorobenzene	8.675	146	734829	45.32	ng		97
15) Benzyl Alcohol	8.540	79	615009	47.79	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.834	45	1001104	41.25	ng		83
17) 2-Methylphenol	8.769	107	562428	47.78	ng	#	93
18) Hexachloroethane	9.416	117	245977	40.77	ng		98
19) n-Nitroso-di-n-propyla...	9.110	70	512562	46.16	ng	#	76
20) 3+4-Methylphenols	9.099	107	753364	47.95	ng		91
22) Acetophenone	9.128	105	998519	45.51	ng	#	86
24) Nitrobenzene	9.516	77	758656	45.74	ng	#	82
25) Isophorone	10.040	82	1369889	48.32	ng	#	91
26) 2-Nitrophenol	10.240	139	331755	51.22	ng	#	76
27) 2,4-Dimethylphenol	10.304	122	610451	56.50	ng		94
28) bis(2-Chloroethoxy)met...	10.510	93	844641	43.42	ng		98
29) 2,4-Dichlorophenol	10.793	162	632365	48.57	ng		96
30) 1,2,4-Trichlorobenzene	11.004	180	710049	44.77	ng		100
31) Naphthalene	11.193	128	1969208	44.89	ng		100
32) Benzoic acid	10.475	122	281762	39.02	ng	#	78
33) 4-Chloroaniline	11.275	127	429798	23.05	ng	#	89
34) Hexachlorobutadiene	11.498	225	466081	45.05	ng		99
35) Caprolactam	12.034	113	196960	48.93	ng	#	19
36) 4-Chloro-3-methylphenol	12.404	107	669714	47.65	ng		89
37) 2-Methylnaphthalene	12.769	142	1410643	44.94	ng		96
38) 1-Methylnaphthalene	12.993	142	1287031	42.98	ng		99
40) 1,2,4,5-Tetrachloroben...	13.151	216	770836	49.74	ng		99
41) Hexachlorocyclopentadiene	13.140	237	379917	48.59	ng		98
43) 2,4,6-Trichlorophenol	13.375	196	494255	51.59	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.457	196	516003	51.15	ng		96
46) 1,1'-Biphenyl	13.757	154	1727452	47.52	ng		98
47) 2-Chloronaphthalene	13.810	162	1346328	45.14	ng		98
48) 2-Nitroaniline	13.987	65	446800	50.21	ng	#	61
49) Acenaphthylene	14.645	152	2040419	46.59	ng		100
50) Dimethylphthalate	14.351	163	1731899	47.32	ng		100
51) 2,6-Dinitrotoluene	14.469	165	361151	48.09	ng	#	73
52) Acenaphthene	14.987	154	1316616	45.13	ng		96
53) 3-Nitroaniline	14.798	138	279090	33.57	ng	#	74
54) 2,4-Dinitrophenol	15.010	184	126506	39.34	ng	#	43
55) Dibenzofuran	15.316	168	1969956	45.45	ng		99
56) 4-Nitrophenol	15.128	139	548295	91.51	ng	#	66
57) 2,4-Dinitrotoluene	15.257	165	468251	46.44	ng	#	74
58) Fluorene	15.963	166	1546821	44.56	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.551	232	428096	47.08	ng		96
60) Diethylphthalate	15.704	149	1704909	47.57	ng		99
61) 4-Chlorophenyl-phenyle...	15.939	204	865760	45.64	ng		97
62) 4-Nitroaniline	15.957	138	351256	40.53	ng		87
63) Azobenzene	16.228	77	1497728	44.26	ng		85
65) 4,6-Dinitro-2-methylph...	16.034	198	110674	26.89	ng		84
66) n-Nitrosodiphenylamine	16.151	169	1404033	52.84	ng		97
67) 4-Bromophenyl-phenylether	16.828	248	521458	51.34	ng		97
68) Hexachlorobenzene	16.992	284	557644	48.12	ng		98
69) Atrazine	17.081	200	422936	48.48	ng		97
70) Pentachlorophenol	17.322	266	553497	99.85	ng		99
71) Phenanthrene	17.692	178	2265538	46.51	ng		99
72) Anthracene	17.780	178	2316303	49.23	ng		99
73) Carbazole	18.033	167	2054439	47.07	ng		99
74) Di-n-butylphthalate	18.545	149	2694249	53.32	ng	#	98
75) Fluoranthene	19.622	202	2505773	44.58	ng		99
77) Benzidine	19.769	184	1723110	110.35	ng		100
78) Pyrene	19.969	202	2484048	55.29	ng		99
80) Butylbenzylphthalate	20.786	149	1033918	61.76	ng	#	85
81) Benzo(a)anthracene	21.663	228	2120370	48.57	ng		98
82) 3,3'-Dichlorobenzidine	21.569	252	802707	53.30	ng		98
83) Chrysene	21.716	228	1999097	47.66	ng		98
84) Bis(2-ethylhexyl)phtha...	21.539	149	1467466	59.47	ng		99
85) Di-n-octyl phthalate	22.468	149	2356916	57.33	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.727	276	2262225	47.80	ng		97
88) Benzo(b)fluoranthene	23.404	252	2016852	46.98	ng		99
89) Benzo(k)fluoranthene	23.451	252	1949732	45.99	ng		99
90) Benzo(a)pyrene	24.051	252	1811116	45.57	ng		98
91) Dibenzo(a,h)anthracene	26.727	278	1910015	48.42	ng		97
92) Benzo(g,h,i)perylene	27.515	276	1892732	49.57	ng		97

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

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