Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
Data File : BP002649.D
Acq On : 07 Jul 2020 10:02
Operator : CG/JU
Sample : PB129955BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129955BS

Quant Time: Jul 07 13:00:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	251028	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	931383	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	525554	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	1006324	20.00	ng		0.00
76) Chrysene-d12	21.09	240	840710	20.00	ng		0.00
86) Perylene-d12	23.28	264	915963	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1970935	132.93	ng		0.00
7) Phenol-d6	6.77	99	2421892	117.03	ng		0.00
23) Nitrobenzene-d5	8.72	82	1541442	85.27	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	843793	132.00	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	3105627	86.97	ng		0.00
79) Terphenyl-d14	19.57	244	3782885	97.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	259491	40.836	ng		98
3) Pyridine	3.52	79	738059	39.189	ng		98
4) n-Nitrosodimethylamine	3.44	42	325248	40.684	ng		88
6) Aniline	6.90	93	949239	36.514	ng		98
8) 2-Chlorophenol	7.14	128	742366	45.075	ng		98
9) Benzaldehyde	6.72	77	263529	22.026	ng		97
10) Phenol	6.79	94	925708	44.359	ng		93
11) bis(2-Chloroethyl)ether	7.00	93	737964	43.085	ng		99
12) 1,3-Dichlorobenzene	7.46	146	841073	44.256	ng		97
13) 1,4-Dichlorobenzene	7.60	146	844221	43.603	ng		98
14) 1,2-Dichlorobenzene	7.92	146	791123	42.449	ng		98
15) Benzyl Alcohol	7.81	79	596778	38.379	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	993817	41.645	ng		99
17) 2-Methylphenol	8.03	107	596839	38.210	ng		98
18) Hexachloroethane	8.63	117	304919	43.635	ng		97
19) n-Nitroso-di-n-propylamine	8.38	70	504329	37.144	ng		97
20) 3+4-Methylphenols	8.35	107	796432	37.819	ng		96
22) Acetophenone	8.39	105	999253	42.388	ng	#	96
24) Nitrobenzene	8.76	77	812140	42.447	ng		97
25) Isophorone	9.28	82	1431400	39.509	ng		99
26) 2-Nitrophenol	9.46	139	401025	45.957	ng		93
27) 2,4-Dimethylphenol	9.55	122	618396	46.769	ng		96
28) bis(2-Chloroethoxy)methane	9.77	93	929255	44.651	ng		99
29) 2,4-Dichlorophenol	10.00	162	686245	45.033	ng		98
30) 1,2,4-Trichlorobenzene	10.21	180	799293	46.590	ng		98
31) Naphthalene	10.39	128	2141908	43.442	ng		99
32) Benzoic acid	9.71	122	242452	27.814	ng		97
33) 4-Chloroaniline	10.50	127	514355	23.849	ng		99
34) Hexachlorobutadiene	10.69	225	486446	46.325	ng		97
35) Caprolactam	11.28	113	189696	37.032	ng		97
36) 4-Chloro-3-methylphenol	11.66	107	657092	39.342	ng		97
37) 2-Methylnaphthalene	12.02	142	1487827	41.386	ng		97
38) 1-Methylnaphthalene	12.23	142	1411697	41.695	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	795280	48.462	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	874320	100.854 ng	97
43) 2,4,6-Trichlorophenol	12.65	196	523092	47.109 ng	99
44) 2,4,5-Trichlorophenol	12.72	196	542089	42.409 ng	96
46) 1,1'-Biphenyl	13.05	154	1774230	44.630 ng	99
47) 2-Chloronaphthalene	13.08	162	1413745	43.687 ng	97
48) 2-Nitroaniline	13.29	65	404297	39.162 ng	89
49) Acenaphthylene	13.93	152	2190412	43.008 ng	98
50) Dimethylphthalate	13.69	163	1671991	40.506 ng	99
51) 2,6-Dinitrotoluene	13.80	165	375768	42.150 ng	93
52) Acenaphthene	14.28	154	1300675	43.286 ng	98
53) 3-Nitroaniline	14.13	138	244567	25.195 ng	97
54) 2,4-Dinitrophenol	14.35	184	383141	69.774 ng	86
55) Dibenzofuran	14.62	168	2067184	42.451 ng	98
56) 4-Nitrophenol	14.46	139	543218	71.168 ng	91
57) 2,4-Dinitrotoluene	14.60	165	496115	41.369 ng	91
58) Fluorene	15.28	166	1508117	40.665 ng	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	475619	46.062 ng	92
60) Diethylphthalate	15.06	149	1561899	38.052 ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	808403	40.646 ng	91
62) 4-Nitroaniline	15.30	138	351176	36.197 ng	90
63) Azobenzene	15.57	77	1587092	39.989 ng	94
65) 4,6-Dinitro-2-methylphenol	15.37	198	283530	44.013 ng	92
66) n-Nitrosodiphenylamine	15.49	169	1396058	47.522 ng	99
67) 4-Bromophenyl-phenylether	16.17	248	552883	48.891 ng	93
68) Hexachlorobenzene	16.29	284	625565	51.636 ng	97
69) Atrazine	16.46	200	444649	47.171 ng	97
70) Pentachlorophenol	16.64	266	612838	88.231 ng	98
71) Phenanthrene	17.02	178	2421777	44.728 ng	99
72) Anthracene	17.11	178	2477745	45.987 ng	98
73) Carbazole	17.39	167	2169960	41.673 ng	98
74) Di-n-butylphthalate	17.96	149	2503451	40.823 ng	98
75) Fluoranthene	19.00	202	2775463	42.349 ng	99
77) Benzidine	19.19	184	1193339	Below Cal	99
78) Pyrene	19.36	202	2743054	47.935 ng	100
80) Butylbenzylphthalate	20.25	149	1008104	40.352 ng	97
81) Benzo(a)anthracene	21.07	228	2416862	43.973 ng	100
82) 3,3'-Dichlorobenzidine	21.01	252	722874	35.924 ng	96
83) Chrysene	21.12	228	2299801	43.636 ng	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	1438835	40.108 ng	99
85) Di-n-octyl phthalate	21.89	149	2454354	38.735 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	3584541	54.352 ng	99
88) Benzo(b)fluoranthene	22.63	252	2681378	45.877 ng	99
89) Benzo(k)fluoranthene	22.67	252	2491601	45.697 ng	98
90) Benzo(a)pyrene	23.19	252	2501065	46.631 ng	100
91) Dibenzo(a,h)anthracene	25.51	278	2974748	55.199 ng	97
92) Benzo(g,h,i)perylene	26.17	276	3021273	56.057 ng	96

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

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