Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002699.D
Acq On : 09 Jul 2020 16:14
Operator : CG/JU
Sample : PB130037BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB130037BS

Quant Time: Jul 09 17:08:25 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	79773	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	387355	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	292072	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	750445	20.00	ng		0.00
76) Chrysene-d12	21.09	240	857787	20.00	ng		0.00
86) Perylene-d12	23.28	264	1021823	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	794922	168.72	ng		0.00
7) Phenol-d6	6.77	99	1148175	174.60	ng		0.00
23) Nitrobenzene-d5	8.71	82	677733	90.15	ng		-0.01
42) 2,4,6-Tribromophenol	15.72	330	484471	136.38	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	1606717	80.97	ng		0.00
79) Terphenyl-d14	19.57	244	3178449	79.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	70200	34.763	ng		98
3) Pyridine	3.52	79	230009	38.431	ng		99
4) n-Nitrosodimethylamine	3.43	42	109073	42.933	ng	#	86
6) Aniline	6.90	93	360819	43.675	ng		98
8) 2-Chlorophenol	7.14	128	297988	56.935	ng		99
9) Benzaldehyde	6.71	77	93754	25.091	ng		98
10) Phenol	6.79	94	422368	63.689	ng		94
11) bis(2-Chloroethyl)ether	7.00	93	281915	51.794	ng		98
12) 1,3-Dichlorobenzene	7.46	146	265218	43.915	ng		99
13) 1,4-Dichlorobenzene	7.60	146	269491	43.800	ng		97
14) 1,2-Dichlorobenzene	7.92	146	266718	45.034	ng		100
15) Benzyl Alcohol	7.81	79	272238	55.093	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	383446	50.563	ng		99
17) 2-Methylphenol	8.03	107	275771	55.556	ng		96
18) Hexachloroethane	8.63	117	95407	42.964	ng		98
19) n-Nitroso-di-n-propylamine	8.37	70	235180	54.506	ng		98
20) 3+4-Methylphenols	8.36	107	381674	57.032	ng		97
22) Acetophenone	8.38	105	436835	44.555	ng	#	98
24) Nitrobenzene	8.75	77	349188	43.882	ng		100
25) Isophorone	9.28	82	700230	46.472	ng		97
26) 2-Nitrophenol	9.46	139	167322	46.106	ng		97
27) 2,4-Dimethylphenol	9.55	122	296456	53.910	ng		95
28) bis(2-Chloroethoxy)methane	9.76	93	418546	48.357	ng		99
29) 2,4-Dichlorophenol	10.00	162	319354	50.390	ng		98
30) 1,2,4-Trichlorobenzene	10.21	180	288720	40.466	ng		99
31) Naphthalene	10.39	128	902997	44.037	ng		99
32) Benzoic acid	9.70	122	223072	50.987	ng		98
33) 4-Chloroaniline	10.50	127	278279	31.025	ng		99
34) Hexachlorobutadiene	10.69	225	153635	35.179	ng		96
35) Caprolactam	11.27	113	139978	65.705	ng		96
36) 4-Chloro-3-methylphenol	11.66	107	381610	54.938	ng		99
37) 2-Methylnaphthalene	12.01	142	705109	47.160	ng		98
38) 1-Methylnaphthalene	12.23	142	678564	48.189	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	345850	37.922	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	274387	58.860 ng	99
43) 2,4,6-Trichlorophenol	12.65	196	280274	45.419 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	315197	44.371 ng	98
46) 1,1'-Biphenyl	13.05	154	920761	41.676 ng	99
47) 2-Chloronaphthalene	13.08	162	732317	40.720 ng	95
48) 2-Nitroaniline	13.29	65	277976	48.450 ng	96
49) Acenaphthylene	13.93	152	1253314	44.281 ng	99
50) Dimethylphthalate	13.69	163	1059972	46.206 ng	99
51) 2,6-Dinitrotoluene	13.80	165	235979	47.630 ng	94
52) Acenaphthene	14.28	154	740413	44.338 ng	98
53) 3-Nitroaniline	14.13	138	209675	38.868 ng	98
54) 2,4-Dinitrophenol	14.35	184	259640	83.763 ng	87
55) Dibenzofuran	14.62	168	1217705	44.997 ng	99
56) 4-Nitrophenol	14.47	139	459642	107.084 ng	93
57) 2,4-Dinitrotoluene	14.60	165	341698	51.270 ng	98
58) Fluorene	15.27	166	980029	47.550 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	291624	50.819 ng	97
60) Diethylphthalate	15.06	149	1104561	48.422 ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	483235	43.720 ng	94
62) 4-Nitroaniline	15.30	138	294552	54.630 ng	88
63) Azobenzene	15.57	77	1096133	49.697 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	206753	43.098 ng	97
66) n-Nitrosodiphenylamine	15.49	169	938712	42.849 ng	98
67) 4-Bromophenyl-phenylether	16.17	248	320960	38.060 ng	95
68) Hexachlorobenzene	16.29	284	361271	39.988 ng	96
69) Atrazine	16.46	200	337119	47.958 ng	99
70) Pentachlorophenol	16.65	266	428206	82.838 ng	95
71) Phenanthrene	17.02	178	1781503	44.122 ng	98
72) Anthracene	17.11	178	1833211	45.626 ng	100
73) Carbazole	17.39	167	1820515	46.883 ng	99
74) Di-n-butylphthalate	17.96	149	2173125	47.520 ng	99
75) Fluoranthene	19.00	202	2323688	47.544 ng	96
77) Benzidine	19.19	184	1249583	Below Cal	99
78) Pyrene	19.36	202	2408223	41.246 ng	99
80) Butylbenzylphthalate	20.25	149	1090213	42.770 ng	99
81) Benzo(a)anthracene	21.07	228	2441495	43.536 ng	98
82) 3,3'-Dichlorobenzidine	21.01	252	771014	37.554 ng	100
83) Chrysene	21.12	228	2349288	43.687 ng	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	1572851	42.971 ng	99
85) Di-n-octyl phthalate	21.89	149	2993719	46.307 ng	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	3663110	49.789 ng	97
88) Benzo(b)fluoranthene	22.63	252	2841027	43.573 ng	98
89) Benzo(k)fluoranthene	22.67	252	2715255	44.639 ng	99
90) Benzo(a)pyrene	23.19	252	2711677	45.320 ng	98
91) Dibenzo(a,h)anthracene	25.52	278	3001729	49.930 ng	98
92) Benzo(g,h,i)perylene	26.18	276	3134821	52.138 ng	97

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

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