Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002604.D
Acq On : 01 Jul 2020 15:01
Operator : CG/JU
Sample : PB129891BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129891BS

Quant Time: Jul 02 07:33:15 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	263213	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	1033280	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	567724	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1050515	20.00	ng	0.00
76) Chrysene-d12	21.09	240	727081	20.00	ng	0.00
86) Perylene-d12	23.29	264	693609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1867593	120.13	ng	0.00
7) Phenol-d6	6.77	99	2396141	110.43	ng	0.00
23) Nitrobenzene-d5	8.72	82	1497015	74.65	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	625953	90.65	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2812460	72.91	ng	0.00
79) Terphenyl-d14	19.57	244	2969261	88.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	237856	35.698	ng	99
3) Pyridine	3.52	79	694461	35.167	ng	99
4) n-Nitrosodimethylamine	3.44	42	317234	37.844	ng	90
6) Aniline	6.90	93	1027031	37.677	ng	99
8) 2-Chlorophenol	7.15	128	720640	41.730	ng	98
9) Benzaldehyde	6.72	77	284052	22.734	ng	97
10) Phenol	6.80	94	931558	42.573	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	722982	40.256	ng	98
12) 1,3-Dichlorobenzene	7.46	146	763367	38.308	ng	99
13) 1,4-Dichlorobenzene	7.60	146	767251	37.793	ng	98
14) 1,2-Dichlorobenzene	7.92	146	720105	36.850	ng	99
15) Benzyl Alcohol	7.82	79	600323	36.820	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.11	45	1002501	40.064	ng	99
17) 2-Methylphenol	8.03	107	597642	36.490	ng	98
18) Hexachloroethane	8.64	117	279248	38.112	ng	99
19) n-Nitroso-di-n-propylamine	8.38	70	510282	35.843	ng	98
20) 3+4-Methylphenols	8.35	107	794346	35.974	ng	96
22) Acetophenone	8.39	105	969458	37.068	ng	98
24) Nitrobenzene	8.76	77	806400	37.990	ng	99
25) Isophorone	9.29	82	1434823	35.698	ng	99
26) 2-Nitrophenol	9.47	139	383081	39.572	ng	95
27) 2,4-Dimethylphenol	9.55	122	614792	41.911	ng	96
28) bis(2-Chloroethoxy)methane	9.78	93	922686	39.963	ng	99
29) 2,4-Dichlorophenol	10.00	162	648258	38.345	ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	696308	36.585	ng	98
31) Naphthalene	10.39	128	2029724	37.107	ng	99
32) Benzoic acid	9.72	122	260141	27.186	ng	97
33) 4-Chloroaniline	10.50	127	551279	23.041	ng	99
34) Hexachlorobutadiene	10.69	225	399827	34.321	ng	98
35) Caprolactam	11.27	113	191012	33.612	ng	97
36) 4-Chloro-3-methylphenol	11.66	107	660251	35.633	ng	100
37) 2-Methylnaphthalene	12.02	142	1436597	36.020	ng	98
38) 1-Methylnaphthalene	12.24	142	1349186	35.919	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	681520	38.445	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	794497	85.535	ng		97
43) 2,4,6-Trichlorophenol	12.65	196	469201	39.117	ng		98
44) 2,4,5-Trichlorophenol	12.72	196	500126	36.220	ng		99
46) 1,1'-Biphenyl	13.05	154	1676351	39.035	ng		99
47) 2-Chloronaphthalene	13.09	162	1333606	38.149	ng		96
48) 2-Nitroaniline	13.29	65	415871	37.291	ng		96
49) Acenaphthylene	13.94	152	2076227	37.738	ng		99
50) Dimethylphthalate	13.69	163	1560167	34.989	ng		99
51) 2,6-Dinitrotoluene	13.80	165	352162	36.568	ng		98
52) Acenaphthene	14.29	154	1221174	37.621	ng		99
53) 3-Nitroaniline	14.13	138	256584	24.470	ng		99
54) 2,4-Dinitrophenol	14.35	184	363152	61.958	ng		96
55) Dibenzofuran	14.63	168	1916487	36.433	ng		99
56) 4-Nitrophenol	14.47	139	528264	64.311	ng		93
57) 2,4-Dinitrotoluene	14.60	165	455447	35.157	ng		99
58) Fluorene	15.28	166	1370260	34.203	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	413217	37.046	ng		98
60) Diethylphthalate	15.07	149	1434145	32.345	ng		99
61) 4-Chlorophenyl-phenylether	15.28	204	705366	32.831	ng		96
62) 4-Nitroaniline	15.30	138	329775	31.466	ng		91
63) Azobenzene	15.57	77	1584579	36.960	ng		97
65) 4,6-Dinitro-2-methylphenol	15.37	198	255476	38.361	ng		98
66) n-Nitrosodiphenylamine	15.50	169	1275603	41.595	ng		98
67) 4-Bromophenyl-phenylether	16.18	248	459411	38.916	ng		95
68) Hexachlorobenzene	16.30	284	498095	39.385	ng		98
69) Atrazine	16.46	200	390454	39.679	ng		99
70) Pentachlorophenol	16.65	266	511979	71.141	ng		98
71) Phenanthrene	17.02	178	2182161	38.607	ng		99
72) Anthracene	17.12	178	2189055	38.920	ng		98
73) Carbazole	17.39	167	1942472	35.735	ng		98
74) Di-n-butylphthalate	17.97	149	2233177	34.884	ng		99
75) Fluoranthene	19.01	202	2331465	34.077	ng		99
78) Pyrene	19.36	202	2285862	46.188	ng		100
80) Butylbenzylphthalate	20.26	149	842812	39.008	ng		100
81) Benzo(a)anthracene	21.07	228	1818017	38.246	ng		98
82) 3,3'-Dichlorobenzidine	21.01	252	518595	29.800	ng	#	99
83) Chrysene	21.13	228	1763043	38.679	ng		99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1171489	37.759	ng		100
85) Di-n-octyl phthalate	21.89	149	1877054	34.254	ng		99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2269985	45.453	ng		97
88) Benzo(b)fluoranthene	22.63	252	1772899	40.058	ng		97
89) Benzo(k)fluoranthene	22.67	252	1727585	41.842	ng		97
90) Benzo(a)pyrene	23.19	252	1620874	39.909	ng		98
91) Dibenzo(a,h)anthracene	25.52	278	1858960	45.553	ng		98
92) Benzo(g,h,i)perylene	26.17	276	1887536	46.248	ng		98

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

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