Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
Data File : BP002653.D
Acq On : 07 Jul 2020 12:19
Operator : CG/JU
Sample : PB129929BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129929BSD

Quant Time: Jul 07 13:02:11 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	287097	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	1006041	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	559590	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	1057219	20.00	ng		0.00
76) Chrysene-d12	21.09	240	885076	20.00	ng		0.00
86) Perylene-d12	23.28	264	868255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1325852	78.19	ng		0.00
7) Phenol-d6	6.76	99	1626686	68.73	ng		0.00
23) Nitrobenzene-d5	8.72	82	1502206	76.94	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	575738	84.59	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	3058939	80.46	ng		0.00
79) Terphenyl-d14	19.57	244	3642993	88.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	254010	34.951	ng		98
3) Pyridine	3.52	79	716353	33.257	ng		98
4) n-Nitrosodimethylamine	3.45	42	328926	35.975	ng		84
6) Aniline	6.90	93	906032	30.473	ng		97
8) 2-Chlorophenol	7.14	128	778279	41.319	ng		99
9) Benzaldehyde	6.72	77	286018	20.751	ng		97
10) Phenol	6.79	94	956297	40.068	ng		92
11) bis(2-Chloroethyl)ether	7.00	93	776554	39.642	ng		99
12) 1,3-Dichlorobenzene	7.46	146	883636	40.654	ng		98
13) 1,4-Dichlorobenzene	7.60	146	890648	40.222	ng		99
14) 1,2-Dichlorobenzene	7.92	146	828315	38.861	ng		99
15) Benzyl Alcohol	7.81	79	602527	33.881	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1020303	37.384	ng		99
17) 2-Methylphenol	8.03	107	611045	34.204	ng		97
18) Hexachloroethane	8.63	117	316441	39.595	ng		96
19) n-Nitroso-di-n-propylamine	8.38	70	516470	33.260	ng		96
20) 3+4-Methylphenols	8.35	107	803130	33.346	ng		97
22) Acetophenone	8.39	105	1011367	39.718	ng	#	95
24) Nitrobenzene	8.76	77	822865	39.816	ng		97
25) Isophorone	9.28	82	1451634	37.094	ng		99
26) 2-Nitrophenol	9.46	139	406335	43.110	ng		92
27) 2,4-Dimethylphenol	9.54	122	626338	43.854	ng		96
28) bis(2-Chloroethoxy)methane	9.77	93	946421	42.101	ng		99
29) 2,4-Dichlorophenol	10.00	162	702291	42.666	ng		99
30) 1,2,4-Trichlorobenzene	10.21	180	822298	44.374	ng		99
31) Naphthalene	10.39	128	2182396	40.978	ng		99
32) Benzoic acid	9.70	122	233531	25.745	ng		99
33) 4-Chloroaniline	10.50	127	351555	15.091	ng		98
34) Hexachlorobutadiene	10.69	225	510738	45.029	ng		97
35) Caprolactam	11.27	113	185735	33.568	ng		98
36) 4-Chloro-3-methylphenol	11.66	107	654063	36.255	ng		97
37) 2-Methylnaphthalene	12.02	142	1546797	39.833	ng		96
38) 1-Methylnaphthalene	12.23	142	1439847	39.370	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	831699	47.598	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	907641	98.440 ng	97
43) 2,4,6-Trichlorophenol	12.65	196	526918	44.568 ng	97
44) 2,4,5-Trichlorophenol	12.72	196	554975	40.777 ng	96
46) 1,1'-Biphenyl	13.05	154	1824454	43.102 ng	99
47) 2-Chloronaphthalene	13.08	162	1462498	42.445 ng	96
48) 2-Nitroaniline	13.29	65	394778	35.914 ng	89
49) Acenaphthylene	13.93	152	2229178	41.107 ng	98
50) Dimethylphthalate	13.69	163	1706609	38.830 ng	99
51) 2,6-Dinitrotoluene	13.80	165	378139	39.836 ng	91
52) Acenaphthene	14.29	154	1314238	41.077 ng	100
53) 3-Nitroaniline	14.13	138	208484	20.171 ng	95
54) 2,4-Dinitrophenol	14.35	184	371105	64.014 ng	85
55) Dibenzofuran	14.62	168	2083881	40.191 ng	97
56) 4-Nitrophenol	14.46	139	521430	64.398 ng	90
57) 2,4-Dinitrotoluene	14.60	165	494075	38.693 ng	90
58) Fluorene	15.27	166	1522082	38.545 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	477262	43.409 ng	92
60) Diethylphthalate	15.06	149	1588801	36.353 ng	100
61) 4-Chlorophenyl-phenylether	15.28	204	833995	39.383 ng	90
62) 4-Nitroaniline	15.30	138	334138	32.346 ng	89
63) Azobenzene	15.57	77	1572205	37.204 ng	96
65) 4,6-Dinitro-2-methylphenol	15.37	198	280203	41.563 ng	96
66) n-Nitrosodiphenylamine	15.49	169	1401329	45.405 ng	100
67) 4-Bromophenyl-phenylether	16.17	248	566631	47.694 ng	92
68) Hexachlorobenzene	16.29	284	642944	50.516 ng	96
69) Atrazine	16.46	200	453432	45.787 ng	97
70) Pentachlorophenol	16.64	266	617839	84.776 ng	97
71) Phenanthrene	17.02	178	2441521	42.922 ng	100
72) Anthracene	17.11	178	2453318	43.342 ng	98
73) Carbazole	17.39	167	2143990	39.192 ng	99
74) Di-n-butylphthalate	17.96	149	2484432	38.563 ng	98
75) Fluoranthene	19.00	202	2727179	39.609 ng	98
77) Benzidine	19.19	184	885589	31.862 ng	100
78) Pyrene	19.36	202	2725415	45.239 ng	100
80) Butylbenzylphthalate	20.25	149	1009073	38.366 ng	97
81) Benzo(a)anthracene	21.07	228	2427183	41.947 ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	672324	31.737 ng	96
83) Chrysene	21.12	228	2332981	42.046 ng	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	1450886	38.417 ng	99
85) Di-n-octyl phthalate	21.89	149	2424505	36.346 ng	99
87) Indeno(1,2,3-cd)pyrene	25.49	276	3032501	48.508 ng	98
88) Benzo(b)fluoranthene	22.63	252	2447289	44.173 ng	99
89) Benzo(k)fluoranthene	22.67	252	2474478	47.876 ng	98
90) Benzo(a)pyrene	23.19	252	2250767	44.270 ng	99
91) Dibenzo(a,h)anthracene	25.50	278	2512243	49.179 ng	98
92) Benzo(g,h,i)perylene	26.16	276	2514522	49.218 ng	98

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

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