Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
Data File : BP002440.D
Acq On : 18 Jun 2020 14:27
Operator : CG/JU
Sample : PB129603BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129603BS

Manual Integrations APPROVED
mohammad
6/19/2020 12:58:50 PM

Quant Time: Jun 18 15:18:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	149118	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	619095	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	378455	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	794124	20.00	ng		0.00
76) Chrysene-d12	21.10	240	744307	20.00	ng		-0.01
86) Perylene-d12	23.29	264	840489	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1079193	133.92	ng		0.00
7) Phenol-d6	6.78	99	1419831	132.33	ng		0.00
23) Nitrobenzene-d5	8.73	82	909082	87.69	ng		-0.01
42) 2,4,6-Tribromophenol	15.73	330	449011	123.92	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1865476	82.88	ng		0.00
79) Terphenyl-d14	19.58	244	2665114	95.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	148973	40.132	ng		99
3) Pyridine	3.53	79	410718	40.709	ng		97
4) n-Nitrosodimethylamine	3.45	42	192747	46.359	ng		98
6) Aniline	6.92	93	588982	40.364	ng		99
8) 2-Chlorophenol	7.16	128	441065	48.677	ng		98
9) Benzaldehyde	6.73	77	237568	42.689	ng		98
10) Phenol	6.80	94	589580	50.666	ng		98
11) bis(2-Chloroethyl)ether	7.02	93	450376	46.356	ng		99
12) 1,3-Dichlorobenzene	7.48	146	458302	43.924	ng		98
13) 1,4-Dichlorobenzene	7.62	146	464812	44.278	ng		98
14) 1,2-Dichlorobenzene	7.93	146	445459	44.298	ng		100
15) Benzyl Alcohol	7.83	79	382152	45.954	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.12	45	619313	44.926	ng		99
17) 2-Methylphenol	8.03	107	384687	45.241	ng		99
18) Hexachloroethane	8.66	117	174015	45.502	ng		97
19) n-Nitroso-di-n-propylamine	8.39	70	342823	47.803	ng		98
20) 3+4-Methylphenols	8.36	107	519515	45.271	ng		96
22) Acetophenone	8.40	105	642457	46.190	ng	#	98
24) Nitrobenzene	8.77	77	524740	47.088	ng		98
25) Isophorone	9.30	82	967717	45.834	ng		99
26) 2-Nitrophenol	9.48	139	230707	46.460	ng		99
27) 2,4-Dimethylphenol	9.56	122	393632	50.530	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	607073	48.272	ng		99
29) 2,4-Dichlorophenol	10.02	162	415848	47.422	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	433713	44.370	ng		99
31) Naphthalene	10.41	128	1334083	46.384	ng		100
32) Benzoic acid	9.70	122	205884	33.585	ng		97
33) 4-Chloroaniline	10.52	127	303771	24.193	ng		99
34) Hexachlorobutadiene	10.71	225	246240	43.168	ng		99
35) Caprolactam	11.28	113	139456m	45.089	ng		
36) 4-Chloro-3-methylphenol	11.66	107	460442	48.528	ng		97
37) 2-Methylnaphthalene	12.03	142	958820	46.968	ng		99
38) 1-Methylnaphthalene	12.25	142	908380	47.408	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	448681	44.975	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	533403	100.570	ng	100
43) 2,4,6-Trichlorophenol	12.65	196	323832	45.866	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	351984	43.053	ng	98
46) 1,1'-Biphenyl	13.06	154	1167750	47.080	ng	99
47) 2-Chloronaphthalene	13.10	162	923741	45.530	ng	98
48) 2-Nitroaniline	13.30	65	305135	47.113	ng	94
49) Acenaphthylene	13.95	152	1474098	45.522	ng	99
50) Dimethylphthalate	13.70	163	1164372	44.901	ng	100
51) 2,6-Dinitrotoluene	13.81	165	260002	46.168	ng	97
52) Acenaphthene	14.30	154	869568	45.839	ng	98
53) 3-Nitroaniline	14.13	138	184049	28.621	ng	97
54) 2,4-Dinitrophenol	14.35	184	274074	82.469	ng	100
55) Dibenzofuran	14.63	168	1388102	45.449	ng	99
56) 4-Nitrophenol	14.47	139	462748	90.633	ng	96
57) 2,4-Dinitrotoluene	14.60	165	347683	45.356	ng	95
58) Fluorene	15.29	166	1046808	43.575	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	304127	46.862	ng	99
60) Diethylphthalate	15.08	149	1138017	43.798	ng	98
61) 4-Chlorophenyl-phenylether	15.29	204	527945	45.292	ng	98
62) 4-Nitroaniline	15.31	138	260097	42.096	ng	97
63) Azobenzene	15.59	77	1243318	48.072	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	195507	46.655	ng	94
66) n-Nitrosodiphenylamine	15.51	169	974355	48.030	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	338332	44.974	ng	98
68) Hexachlorobenzene	16.30	284	370853	46.457	ng	98
69) Atrazine	16.47	200	317221	47.934	ng	100
70) Pentachlorophenol	16.65	266	446906	93.575	ng	99
71) Phenanthrene	17.03	178	1758168	47.329	ng	99
72) Anthracene	17.12	178	1801037	48.806	ng	99
73) Carbazole	17.40	167	1671565	46.046	ng	100
74) Di-n-butylphthalate	17.98	149	1947827	45.340	ng	99
75) Fluoranthene	19.02	202	2085703	47.037	ng	99
77) Benzidine	19.20	184	1028653	61.849	ng	99
78) Pyrene	19.37	202	2106949	46.214	ng	100
80) Butylbenzylphthalate	20.27	149	878312	43.338	ng	99
81) Benzo(a)anthracene	21.08	228	1974336	46.471	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	582006	36.862	ng	99
83) Chrysene	21.13	228	1903361	47.287	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1311230	44.478	ng	100
85) Di-n-octyl phthalate	21.90	149	2247907	43.473	ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	2545661	48.424	ng	100
88) Benzo(b)fluoranthene	22.64	252	2090953	46.132	ng	98
89) Benzo(k)fluoranthene	22.68	252	2145832	49.827	ng	98
90) Benzo(a)pyrene	23.20	252	1999105	47.065	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	2101820	49.843	ng	99
92) Benzo(g,h,i)perylene	26.19	276	2119655	48.533	ng	99

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

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