Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002589.D
Acq On : 01 Jul 2020 05:17
Operator : CG/JU
Sample : PB129875BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129875BS

Manual Integrations APPROVED
mohammad
7/1/2020 2:33:34 PM

Quant Time: Jul 01 10:15:00 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	148677	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	629746	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	402033	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	888641	20.00	ng	0.00
76) Chrysene-d12	21.09	240	911735	20.00	ng	0.00
86) Perylene-d12	23.28	264	660054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1232009	140.30	ng	0.00
7) Phenol-d6	6.78	99	2252900	183.81	ng	0.00
23) Nitrobenzene-d5	8.72	82	1088378	89.05	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	609357	124.62	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2311652	84.63	ng	0.00
79) Terphenyl-d14	19.57	244	3852838	91.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	155511	41.320	ng	98
3) Pyridine	3.52	79	569518	51.057	ng	98
4) n-Nitrosodimethylamine	3.44	42	287143	60.643	ng	93
6) Aniline	6.90	93	966734	62.787	ng	99
8) 2-Chlorophenol	7.15	128	693423	71.088	ng	98
9) Benzaldehyde	6.72	77	283020	45.844	ng	98
10) Phenol	6.80	94	887991	71.845	ng	97
11) bis(2-Chloroethyl)ether	7.01	93	661589	65.217	ng	99
12) 1,3-Dichlorobenzene	7.46	146	496820	44.138	ng	99
13) 1,4-Dichlorobenzene	7.60	146	507171	44.228	ng	99
14) 1,2-Dichlorobenzene	7.92	146	486122	44.040	ng	99
15) Benzyl Alcohol	7.82	79	446401	48.471	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.11	45	628044	44.435	ng	98
17) 2-Methylphenol	8.03	107	427294	46.187	ng	98
18) Hexachloroethane	8.64	117	184297	44.530	ng	98
19) n-Nitroso-di-n-propylamine	8.38	70	366125	45.529	ng	99
20) 3+4-Methylphenols	8.36	107	580629	46.552	ng	99
22) Acetophenone	8.39	105	692562	43.450	ng	99
24) Nitrobenzene	8.76	77	577010	44.602	ng	99
25) Isophorone	9.29	82	1064826	43.469	ng	100
26) 2-Nitrophenol	9.47	139	282421	47.868	ng	100
27) 2,4-Dimethylphenol	9.55	122	451451	50.497	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	645315	45.860	ng	99
29) 2,4-Dichlorophenol	10.00	162	505701	49.081	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	508738	43.858	ng	98
31) Naphthalene	10.39	128	1474387	44.226	ng	99
32) Benzoic acid	9.73	122	274603	40.719	ng	99
33) 4-Chloroaniline	10.50	127	461315	31.636	ng	99
34) Hexachlorobutadiene	10.69	225	297098	41.845	ng	98
35) Caprolactam	11.29	113	173785m	50.176	ng	
36) 4-Chloro-3-methylphenol	11.66	107	554163	49.072	ng	97
37) 2-Methylnaphthalene	12.02	142	1101636	45.321	ng	98
38) 1-Methylnaphthalene	12.24	142	1040396	45.447	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	551331	43.918	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	496305	75.969 ng	97
43) 2,4,6-Trichlorophenol	12.65	196	412381	48.549 ng	98
44) 2,4,5-Trichlorophenol	12.72	196	451832	46.209 ng	98
46) 1,1'-Biphenyl	13.05	154	1361948	44.785 ng	100
47) 2-Chloronaphthalene	13.09	162	1093112	44.157 ng	99
48) 2-Nitroaniline	13.30	65	381017	48.246 ng	96
49) Acenaphthylene	13.94	152	1753775	45.015 ng	98
50) Dimethylphthalate	13.69	163	1435289	45.454 ng	99
51) 2,6-Dinitrotoluene	13.80	165	324368	47.564 ng	98
52) Acenaphthene	14.29	154	1023077	44.508 ng	99
53) 3-Nitroaniline	14.13	138	248769	33.502 ng	100
54) 2,4-Dinitrophenol	14.35	184	394687	91.877 ng	97
55) Dibenzofuran	14.63	168	1624126	43.600 ng	99
56) 4-Nitrophenol	14.47	139	536676	91.203 ng	95
57) 2,4-Dinitrotoluene	14.60	165	441127	48.085 ng	99
58) Fluorene	15.28	166	1215289	42.837 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	392454	49.685 ng	100
60) Diethylphthalate	15.07	149	1414395	45.046 ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	617667	40.598 ng	100
62) 4-Nitroaniline	15.31	138	334854	45.118 ng	98
63) Azobenzene	15.57	77	1398557	46.065 ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	282284	49.277 ng	98
66) n-Nitrosodiphenylamine	15.50	169	1164749	44.899 ng	100
67) 4-Bromophenyl-phenylether	16.18	248	431260	43.186 ng	98
68) Hexachlorobenzene	16.30	284	482866	45.135 ng	99
69) Atrazine	16.47	200	413292	49.651 ng	99
70) Pentachlorophenol	16.65	266	561509	91.447 ng	98
71) Phenanthrene	17.03	178	2135997	44.674 ng	99
72) Anthracene	17.12	178	2180915	45.838 ng	99
73) Carbazole	17.39	167	2029680	44.141 ng	99
74) Di-n-butylphthalate	17.97	149	3188379	58.878 ng	99
75) Fluoranthene	19.01	202	3257684	56.289 ng	98
77) Benzidine	19.19	184	1849268	Below Cal	100
78) Pyrene	19.36	202	3159540	50.912 ng	99
80) Butylbenzylphthalate	20.26	149	1375700	50.777 ng	99
81) Benzo(a)anthracene	21.07	228	2723847	45.697 ng	98
82) 3,3'-Dichlorobenzidine	21.01	252	953120	43.676 ng	97
83) Chrysene	21.13	228	2605788	45.590 ng	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1939332	49.849 ng	99
85) Di-n-octyl phthalate	21.89	149	2617578	38.093 ng	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	2238449	47.100 ng	100
88) Benzo(b)fluoranthene	22.63	252	2112197	50.150 ng	100
89) Benzo(k)fluoranthene	22.67	252	1943674	49.468 ng	100
90) Benzo(a)pyrene	23.19	252	1835427	47.489 ng	99
91) Dibenzo(a,h)anthracene	25.51	278	1831068	47.151 ng	99
92) Benzo(g,h,i)perylene	26.17	276	1860599	47.906 ng	99

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

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