Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082620\
Data File : BP003112.D
Acq On : 26 Aug 2020 13:39
Operator : CG/JU
Sample : PB131208BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB131208BS

Manual Integrations APPROVED
mohammad
8/27/2020 3:14:38 PM

Quant Time: Aug 26 14:18:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	282536	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1124343	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	713193	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1542272	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1547416	20.00	ng	0.00
86) Perylene-d12	23.39	264	1793987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1662918	104.06	ng	0.00
7) Phenol-d6	6.85	99	1992392	99.46	ng	0.00
23) Nitrobenzene-d5	8.81	82	1430435	91.72	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	988504	102.48	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4184452	85.92	ng	0.00
79) Terphenyl-d14	19.63	244	5038559	71.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	212612	34.801	ng	99
3) Pyridine	3.59	79	493195	30.675	ng	99
4) n-Nitrosodimethylamine	3.50	42	163610	38.968	ng	95
6) Aniline	6.99	93	734646	33.683	ng	100
8) 2-Chlorophenol	7.23	128	720679	40.452	ng	99
9) Benzaldehyde	6.80	77	321401	34.413	ng	100
10) Phenol	6.88	94	742913	40.018	ng	97
11) bis(2-Chloroethyl)ether	7.09	93	551663	37.544	ng	98
12) 1,3-Dichlorobenzene	7.56	146	795515	36.724	ng	99
13) 1,4-Dichlorobenzene	7.70	146	809964	37.038	ng	98
14) 1,2-Dichlorobenzene	8.02	146	762239	36.765	ng	99
15) Benzyl Alcohol	7.90	79	468215	41.483	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	438029	35.178	ng	99
17) 2-Methylphenol	8.11	107	541606	40.953	ng	98
18) Hexachloroethane	8.74	117	265101	37.055	ng	96
19) n-Nitroso-di-n-propylamine	8.47	70	342976	37.895	ng	98
20) 3+4-Methylphenols	8.44	107	738297	41.433	ng	100
22) Acetophenone	8.48	105	899485	35.923	ng	100
24) Nitrobenzene	8.85	77	572571	37.378	ng	99
25) Isophorone	9.38	82	1088827	39.568	ng	100
26) 2-Nitrophenol	9.56	139	380482	41.673	ng	99
27) 2,4-Dimethylphenol	9.63	122	636808	46.396	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	721935	35.223	ng	99
29) 2,4-Dichlorophenol	10.10	162	692237	40.651	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	728934	35.952	ng	99
31) Naphthalene	10.49	128	2132936	36.924	ng	99
32) Benzoic acid	9.79	122	374308	37.642	ng	96
33) 4-Chloroaniline	10.60	127	576090	23.869	ng	99
34) Hexachlorobutadiene	10.79	225	426425	35.044	ng	99
35) Caprolactam	11.37	113	209773m	40.993	ng	
36) 4-Chloro-3-methylphenol	11.74	107	651533	40.978	ng	99
37) 2-Methylnaphthalene	12.11	142	1566799	37.916	ng	100
38) 1-Methylnaphthalene	12.33	142	1476843	37.601	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	771875	36.515	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	969925	97.066 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	541775	38.979 ng	100
44) 2,4,5-Trichlorophenol	12.80	196	590780	40.183 ng	100
46) 1,1'-Biphenyl	13.13	154	1979702	37.007 ng	99
47) 2-Chloronaphthalene	13.17	162	1513356	34.560 ng	99
48) 2-Nitroaniline	13.37	65	303303	36.994 ng	94
49) Acenaphthylene	14.02	152	2498758	37.738 ng	100
50) Dimethylphthalate	13.77	163	1951694	35.885 ng	100
51) 2,6-Dinitrotoluene	13.88	165	440710	38.989 ng	96
52) Acenaphthene	14.37	154	1438439	35.361 ng	98
53) 3-Nitroaniline	14.20	138	323366	25.250 ng	96
54) 2,4-Dinitrophenol	14.42	184	448566	73.358 ng	99
55) Dibenzofuran	14.70	168	2308059	36.128 ng	99
56) 4-Nitrophenol	14.53	139	787661	85.490 ng	97
57) 2,4-Dinitrotoluene	14.67	165	600065	39.482 ng	98
58) Fluorene	15.36	166	1744701	35.453 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	528127	39.704 ng	99
60) Diethylphthalate	15.15	149	1930939	36.188 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	895672	35.243 ng	99
62) 4-Nitroaniline	15.37	138	452478	34.372 ng	99
63) Azobenzene	15.65	77	1289874	36.423 ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	324980	44.061 ng	99
66) n-Nitrosodiphenylamine	15.57	169	1648964	36.565 ng	98
67) 4-Bromophenyl-phenylether	16.25	248	611872	35.947 ng	99
68) Hexachlorobenzene	16.37	284	710362	35.054 ng	99
69) Atrazine	16.53	200	540304	35.523 ng	99
70) Pentachlorophenol	16.72	266	890756	91.919 ng	99
71) Phenanthrene	17.10	178	2931812	35.082 ng	100
72) Anthracene	17.19	178	2988709	37.368 ng	99
73) Carbazole	17.46	167	2805362	36.547 ng	100
74) Di-n-butylphthalate	18.03	149	3354709	37.178 ng	100
75) Fluoranthene	19.07	202	3523377	36.479 ng	99
77) Benzidine	19.26	184	2151949	60.848 ng	100
78) Pyrene	19.43	202	3567980	35.526 ng	99
80) Butylbenzylphthalate	20.32	149	1585403	38.340 ng	95
81) Benzo(a)anthracene	21.14	228	3528598	36.404 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	1148828	32.222 ng	100
83) Chrysene	21.19	228	3286954	35.418 ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	2279135	38.165 ng	99
85) Di-n-octyl phthalate	21.96	149	4111492	40.157 ng	99
87) Indeno(1,2,3-cd)pyrene	25.67	276	4953186	37.023 ng	98
88) Benzo(b)fluoranthene	22.72	252	4047410	36.299 ng	99
89) Benzo(k)fluoranthene	22.76	252	3745620	35.159 ng	99
90) Benzo(a)pyrene	23.29	252	3696415	35.734 ng	99
91) Dibenzo(a,h)anthracene	25.68	278	4104876	37.350 ng	99
92) Benzo(g,h,i)perylene	26.36	276	4243689	38.477 ng	99

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

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