Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002948.D
Acq On : 12 Aug 2020 14:19
Operator : CG/JU
Sample : PB130914BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Manual Integrations APPROVED
mohammad
8/25/2020 8:39:10 AM

Quant Time: Aug 12 16:44:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	477984	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	1869071	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	1010989	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1852259	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1430873	20.00	ng	0.00
86) Perylene-d12	23.44	264	1418782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	3230121	103.43	ng	0.00
7) Phenol-d6	6.88	99	3826393	88.25	ng	0.00
23) Nitrobenzene-d5	8.85	82	2044821	59.26	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1180637	93.96	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	5256747	71.04	ng	0.00
79) Terphenyl-d14	19.67	244	5830494	81.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	377715	28.175	ng	99
3) Pyridine	3.63	79	988884	26.476	ng	98
4) n-Nitrosodimethylamine	3.55	42	331260	30.193	ng	99
6) Aniline	7.03	93	1417857	28.185	ng	99
8) 2-Chlorophenol	7.27	128	1397803	41.977	ng	99
9) Benzaldehyde	6.84	77	136649	5.919	ng	98
10) Phenol	6.90	94	1516283	34.722	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	1164199	34.661	ng	100
12) 1,3-Dichlorobenzene	7.59	146	1491283	39.679	ng	100
13) 1,4-Dichlorobenzene	7.73	146	1510829	39.770	ng	100
14) 1,2-Dichlorobenzene	8.05	146	1425328	39.343	ng	100
15) Benzyl Alcohol	7.93	79	873612	30.536	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	983551	31.169	ng	99
17) 2-Methylphenol	8.15	107	1034332	37.066	ng	99
18) Hexachloroethane	8.78	117	502251	37.905	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	708095	28.342	ng	98
20) 3+4-Methylphenols	8.47	107	1384195	36.805	ng	99
22) Acetophenone	8.52	105	1706932	32.368	ng	99
24) Nitrobenzene	8.89	77	1135684	30.314	ng	99
25) Isophorone	9.42	82	2106688	28.416	ng	100
26) 2-Nitrophenol	9.60	139	679529	43.882	ng	99
27) 2,4-Dimethylphenol	9.67	122	1104403	37.408	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	1451118	35.084	ng	100
29) 2,4-Dichlorophenol	10.13	162	1205764	38.805	ng	100
30) 1,2,4-Trichlorobenzene	10.35	180	1302203	35.851	ng	99
31) Naphthalene	10.53	128	3983952	37.235	ng	100
32) Benzoic acid	9.81	122	706372	41.853	ng	97
33) 4-Chloroaniline	10.63	127	954725	21.532	ng	99
34) Hexachlorobutadiene	10.83	225	711767	32.021	ng	99
35) Caprolactam	11.40	113	336753m	35.026	ng	
36) 4-Chloro-3-methylphenol	11.77	107	1110493	34.381	ng	99
37) 2-Methylnaphthalene	12.15	142	2832058	37.211	ng	100
38) 1-Methylnaphthalene	12.37	142	2678903	37.392	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1227927	33.782	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	1442570	76.502 ng	99
43) 2,4,6-Trichlorophenol	12.76	196	844498	40.086 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	905172	39.167 ng	99
46) 1,1'-Biphenyl	13.17	154	3302240	39.511 ng	99
47) 2-Chloronaphthalene	13.21	162	2575764	39.357 ng	100
48) 2-Nitroaniline	13.40	65	510162	32.637 ng	97
49) Acenaphthylene	14.06	152	3989813	38.872 ng	100
50) Dimethylphthalate	13.80	163	3022641	38.226 ng	100
51) 2,6-Dinitrotoluene	13.91	165	665964	38.005 ng	99
52) Acenaphthene	14.40	154	2767197m	41.947 ng	
53) 3-Nitroaniline	14.23	138	488327	27.585 ng	95
54) 2,4-Dinitrophenol	14.45	184	602465	80.207 ng	97
55) Dibenzofuran	14.74	168	3697474	36.541 ng	99
56) 4-Nitrophenol	14.56	139	1156586	82.487 ng	98
57) 2,4-Dinitrotoluene	14.70	165	873235	38.032 ng	97
58) Fluorene	15.39	166	2849883	35.972 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	739391	38.344 ng	99
60) Diethylphthalate	15.18	149	2917725	37.762 ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	1374699	33.715 ng	99
62) 4-Nitroaniline	15.40	138	652902	36.208 ng	99
63) Azobenzene	15.69	77	2244449	28.854 ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	407266	43.033 ng	99
66) n-Nitrosodiphenylamine	15.60	169	2504318	40.824 ng	99
67) 4-Bromophenyl-phenylether	16.29	248	825662	36.640 ng	99
68) Hexachlorobenzene	16.40	284	949169	36.416 ng	99
69) Atrazine	16.56	200	680884	32.761 ng	99
70) Pentachlorophenol	16.75	266	1067663	78.992 ng	100
71) Phenanthrene	17.13	178	4247770	39.108 ng	99
72) Anthracene	17.23	178	4272452	40.246 ng	100
73) Carbazole	17.49	167	3871301	37.342 ng	99
74) Di-n-butylphthalate	18.07	149	4538494	41.616 ng	100
75) Fluoranthene	19.11	202	4451041	35.568 ng	100
77) Benzidine	19.29	184	1308979	30.000 ng	99
78) Pyrene	19.46	202	4439668	44.384 ng	99
80) Butylbenzylphthalate	20.35	149	1768965	43.820 ng	99
81) Benzo(a)anthracene	21.17	228	3788072	38.866 ng	98
82) 3,3'-Dichlorobenzidine	21.10	252	1263555	32.754 ng	100
83) Chrysene	21.22	228	3629774	39.480 ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	2586815	46.728 ng	98
85) Di-n-octyl phthalate	22.00	149	4038141	44.403 ng	100
87) Indeno(1,2,3-cd)pyrene	25.74	276	5064564	44.572 ng	100
88) Benzo(b)fluoranthene	22.76	252	3952518	39.478 ng	99
89) Benzo(k)fluoranthene	22.81	252	3790277	40.053 ng	99
90) Benzo(a)pyrene	23.34	252	3628162	40.105 ng	99
91) Dibenzo(a,h)anthracene	25.76	278	4228982	43.730 ng	100
92) Benzo(g,h,i)perylene	26.44	276	4238055	45.319 ng	100

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

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