Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
Data File : BP002890.D
Acq On : 31 Jul 2020 13:00
Operator : CG/JU
Sample : PB130626BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB130626BS

Manual Integrations APPROVED
mohammad
8/3/2020 12:45:18 PM

Quant Time: Jul 31 13:31:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	619047	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	2523833	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	1524840	20.00	ng		0.00
64) Phenanthrene-d10	17.11	188	3076826	20.00	ng		0.00
76) Chrysene-d12	21.20	240	2459849	20.00	ng		0.00
86) Perylene-d12	23.46	264	2026962	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	4204399	103.95	ng		0.00
7) Phenol-d6	6.89	99	5392340	96.02	ng		0.00
23) Nitrobenzene-d5	8.86	82	3239322	69.52	ng		0.00
42) 2,4,6-Tribromophenol	15.85	330	1937813	102.25	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	7124717	63.84	ng		0.00
79) Terphenyl-d14	19.69	244	8562395	69.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	541331	31.178	ng		100
3) Pyridine	3.65	79	1398596	28.913	ng		100
4) n-Nitrosodimethylamine	3.56	42	520596	36.637	ng		97
6) Aniline	7.05	93	2308395	35.431	ng		99
8) 2-Chlorophenol	7.29	128	1709473	39.639	ng		99
9) Benzaldehyde	6.86	77	1146640	38.350	ng		98
10) Phenol	6.92	94	2236906	39.552	ng		99
11) bis(2-Chloroethyl)ether	7.15	93	1623818	37.329	ng		99
12) 1,3-Dichlorobenzene	7.61	146	1760022	36.159	ng		99
13) 1,4-Dichlorobenzene	7.75	146	1793951	36.462	ng		99
14) 1,2-Dichlorobenzene	8.07	146	1731321	36.900	ng		99
15) Benzyl Alcohol	7.95	79	1455468	39.282	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1520525	37.206	ng		99
17) 2-Methylphenol	8.16	107	1484628	41.080	ng		99
18) Hexachloroethane	8.80	117	639059	37.239	ng		98
19) n-Nitroso-di-n-propylamine	8.52	70	1208496	37.349	ng		99
20) 3+4-Methylphenols	8.49	107	1987981	40.815	ng		99
22) Acetophenone	8.53	105	2499606	35.103	ng	#	98
24) Nitrobenzene	8.90	77	1781322	35.212	ng		98
25) Isophorone	9.43	82	3444602	34.409	ng		99
26) 2-Nitrophenol	9.61	139	783367	38.125	ng		97
27) 2,4-Dimethylphenol	9.69	122	1609426	40.371	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	2189315	39.200	ng		99
29) 2,4-Dichlorophenol	10.15	162	1613169	38.448	ng		100
30) 1,2,4-Trichlorobenzene	10.36	180	1690313	34.463	ng		99
31) Naphthalene	10.55	128	4930243	34.125	ng		100
32) Benzoic acid	9.83	122	903175	40.039	ng		98
33) 4-Chloroaniline	10.65	127	1154989	19.290	ng		99
34) Hexachlorobutadiene	10.85	225	985689	32.840	ng		99
35) Caprolactam	11.42	113	534521m	41.173	ng		
36) 4-Chloro-3-methylphenol	11.79	107	1687140	38.683	ng		99
37) 2-Methylnaphthalene	12.17	142	3599714	35.027	ng		99
38) 1-Methylnaphthalene	12.39	142	3404017	35.187	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1873329	34.170	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	2537466	89.220	ng	98
43) 2,4,6-Trichlorophenol	12.78	196	1231471	38.756	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	1345898	38.612	ng	98
46) 1,1'-Biphenyl	13.19	154	4456640	35.354	ng	100
47) 2-Chloronaphthalene	13.22	162	3415956	34.606	ng	100
48) 2-Nitroaniline	13.42	65	929381	38.595	ng	98
49) Acenaphthylene	14.07	152	5525185	35.691	ng	99
50) Dimethylphthalate	13.82	163	4312178	36.157	ng	100
51) 2,6-Dinitrotoluene	13.93	165	944569	35.912	ng	91
52) Acenaphthene	14.42	154	3335114	33.520	ng	100
53) 3-Nitroaniline	14.25	138	596645	22.968	ng	96
54) 2,4-Dinitrophenol	14.46	184	832925	74.192	ng	89
55) Dibenzofuran	14.76	168	5183725	33.965	ng	100
56) 4-Nitrophenol	14.57	139	1653333	78.179	ng	97
57) 2,4-Dinitrotoluene	14.72	165	1256841	36.467	ng	99
58) Fluorene	15.41	166	4042774	33.833	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	1163460	40.004	ng	99
60) Diethylphthalate	15.20	149	4180322	35.871	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	2152812	35.006	ng	99
62) 4-Nitroaniline	15.42	138	951363	35.062	ng	98
63) Azobenzene	15.70	77	4016638	34.236	ng	99
65) 4,6-Dinitro-2-methylphenol	15.48	198	563946	37.021	ng	99
66) n-Nitrosodiphenylamine	15.62	169	3675154	36.066	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	1389126	37.110	ng	98
68) Hexachlorobenzene	16.42	284	1567089	36.194	ng	97
69) Atrazine	16.58	200	1162911	33.685	ng	99
70) Pentachlorophenol	16.76	266	1845133	82.182	ng	99
71) Phenanthrene	17.15	178	6251323	34.648	ng	99
72) Anthracene	17.24	178	6363245	36.085	ng	99
73) Carbazole	17.51	167	5748586	33.381	ng	100
74) Di-n-butylphthalate	18.09	149	6694839	36.956	ng	100
75) Fluoranthene	19.13	202	7023583	33.787	ng	99
77) Benzidine	19.30	184	3282333	43.759	ng	99
78) Pyrene	19.47	202	7015406	40.797	ng	99
80) Butylbenzylphthalate	20.37	149	2691436	39.133	ng	97
81) Benzo(a)anthracene	21.19	228	6105450	36.439	ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	1645109	24.806	ng	99
83) Chrysene	21.24	228	5621430	35.566	ng	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	3727135	39.163	ng	99
85) Di-n-octyl phthalate	22.03	149	5595694	35.792	ng	100
87) Indeno(1,2,3-cd)pyrene	25.78	276	5794781	35.697	ng	99
88) Benzo(b)fluoranthene	22.79	252	5453055	38.123	ng	100
89) Benzo(k)fluoranthene	22.83	252	5140589	38.023	ng	100
90) Benzo(a)pyrene	23.37	252	4686396	36.259	ng	100
91) Dibenzo(a,h)anthracene	25.80	278	4849701	35.102	ng	99
92) Benzo(g,h,i)perylene	26.48	276	4793335	35.877	ng	100

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

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