Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
Data File : BP002932.D
Acq On : 07 Aug 2020 14:14
Operator : CG/JU
Sample : PB130730BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB130730BSD

Manual Integrations APPROVED
mohammad
8/10/2020 3:44:59 PM

Quant Time: Aug 07 17:02:28 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	7.71	152	455997	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1888806	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1230433	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2623794	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	2648084	20.00	ng	0.00
86) Perylene-d12	23.45	264	2680609	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	3030689	101.72	ng	0.00
7) Phenol-d6	6.89	99	3900971	94.31	ng	0.00
23) Nitrobenzene-d5	8.86	82	2245746	64.40	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1740421	113.81	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5882470	65.32	ng	-0.01
79) Terphenyl-d14	19.67	244	8371918	63.29	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	542801	42.441	ng	95
3) Pyridine	3.64	79	867003	24.332	ng	97
4) n-Nitrosodimethylamine	3.56	42	303674	29.013	ng	92
6) Aniline	7.04	93	1687624	35.165	ng	94
8) 2-Chlorophenol	7.28	128	1284289	40.428	ng	94
9) Benzaldehyde	6.85	77	763660	34.674	ng	90
10) Phenol	6.92	94	1607777	38.593	ng	95
11) bis(2-Chloroethyl)ether	7.14	93	1142725	35.662	ng	94
12) 1,3-Dichlorobenzene	7.60	146	1283837	35.807	ng	96
13) 1,4-Dichlorobenzene	7.75	146	1310502	36.160	ng	98
14) 1,2-Dichlorobenzene	8.06	146	1272948	36.831	ng	99
15) Benzyl Alcohol	7.95	79	999783	36.631	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.25	45	969800	32.215	ng	98
17) 2-Methylphenol	8.15	107	1092628	41.043	ng	97
18) Hexachloroethane	8.79	117	448865	35.509	ng	96
19) n-Nitroso-di-n-propylamine	8.52	70	806766	33.849	ng	96
20) 3+4-Methylphenols	8.48	107	1482950	41.333	ng	98
22) Acetophenone	8.52	105	1822552	34.200	ng	98
24) Nitrobenzene	8.90	77	1218588	32.187	ng	91
25) Isophorone	9.43	82	2425448	32.374	ng	96
26) 2-Nitrophenol	9.60	139	646150	41.558	ng	91
27) 2,4-Dimethylphenol	9.68	122	1226299	41.102	ng	96
28) bis(2-Chloroethoxy)methane	9.91	93	1586031	37.945	ng	99
29) 2,4-Dichlorophenol	10.14	162	1303090	41.499	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	1327319	36.160	ng	98
31) Naphthalene	10.54	128	3767504	34.844	ng	99
32) Benzoic acid	9.83	122	774270	44.746	ng	94
33) 4-Chloroaniline	10.65	127	1264044	28.210	ng	96
34) Hexachlorobutadiene	10.85	225	786490	35.013	ng	99
35) Caprolactam	11.41	113	433381m	44.606	ng	
36) 4-Chloro-3-methylphenol	11.78	107	1307139	40.046	ng	98
37) 2-Methylnaphthalene	12.16	142	2851011	37.069	ng	99
38) 1-Methylnaphthalene	12.38	142	2686622	37.108	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1560095	35.266	ng	100

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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	12.52	237	1984235	86.461	ng		99
43) 2,4,6-Trichlorophenol	12.77	196	1060955	41.379	ng		99
44) 2,4,5-Trichlorophenol	12.85	196	1166062	41.457	ng		96
46) 1,1'-Biphenyl	13.18	154	3616997	35.559	ng		99
47) 2-Chloronaphthalene	13.22	162	2779860	34.900	ng		98
48) 2-Nitroaniline	13.42	65	678146	35.280	ng	#	82
49) Acenaphthylene	14.07	152	4540045	36.344	ng		100
50) Dimethylphthalate	13.82	163	3638964	37.813	ng		100
51) 2,6-Dinitrotoluene	13.92	165	809856	37.976	ng	#	82
52) Acenaphthene	14.42	154	3115104m	38.799	ng		
53) 3-Nitroaniline	14.25	138	656159	30.115	ng		91
54) 2,4-Dinitrophenol	14.45	184	801867	86.960	ng	#	84
55) Dibenzofuran	14.75	168	4321829	35.094	ng		98
56) 4-Nitrophenol	14.56	139	1448168	84.862	ng		89
57) 2,4-Dinitrotoluene	14.71	165	1104115	39.363	ng		90
58) Fluorene	15.40	166	3378968	35.044	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	1063060	45.297	ng		96
60) Diethylphthalate	15.19	149	3547111	37.720	ng		99
61) 4-Chlorophenyl-phenylether	15.40	204	1860636	37.494	ng		97
62) 4-Nitroaniline	15.42	138	846682	38.422	ng		93
63) Azobenzene	15.69	77	2933947	30.991	ng		96
65) 4,6-Dinitro-2-methylphenol	15.48	198	558972	41.910	ng		87
66) n-Nitrosodiphenylamine	15.62	169	3148297	36.230	ng		100
67) 4-Bromophenyl-phenylether	16.30	248	1229212	38.508	ng		96
68) Hexachlorobenzene	16.41	284	1395995	37.810	ng		98
69) Atrazine	16.57	200	1040531	35.344	ng		98
70) Pentachlorophenol	16.76	266	1795178	93.762	ng		100
71) Phenanthrene	17.15	178	5562805	36.155	ng		100
72) Anthracene	17.23	178	5688782	37.830	ng		100
73) Carbazole	17.50	167	5186227	35.315	ng		100
74) Di-n-butylphthalate	18.08	149	5958502	38.571	ng		99
75) Fluoranthene	19.12	202	6714989	37.880	ng		99
77) Benzidine	19.29	184	4441994	55.010	ng		98
78) Pyrene	19.47	202	6807478	36.773	ng		99
80) Butylbenzylphthalate	20.36	149	2753344	37.340	ng		90
81) Benzo(a)anthracene	21.17	228	6668478	36.970	ng		99
82) 3,3'-Dichlorobenzidine	21.11	252	2296472	32.166	ng		99
83) Chrysene	21.23	228	6138931	36.080	ng		99
84) Bis(2-ethylhexyl)phthalate	21.13	149	4070489	39.731	ng		99
85) Di-n-octyl phthalate	22.01	149	6827407	40.566	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.76	276	7457693	34.739	ng		99
88) Benzo(b)fluoranthene	22.77	252	6851602	36.220	ng		99
89) Benzo(k)fluoranthene	22.82	252	6857694	38.355	ng		99
90) Benzo(a)pyrene	23.36	252	6290452	36.802	ng		100
91) Dibenzo(a,h)anthracene	25.77	278	6230030	34.097	ng		99
92) Benzo(g,h,i)perylene	26.46	276	5959855	33.731	ng		99

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

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