Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000105.D
Acq On : 08 Sep 2019 21:51
Operator : HP/JU
Sample : PB122885BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Manual Integrations APPROVED
mohammad
9/10/2019 2:09:28 PM

Quant Time: Sep 09 07:01:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	345020	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1389946	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	774758	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1430085	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1198084	20.00	ng	0.00
87) Perylene-d12	15.62	264	1034252	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2301944	106.39	ng	0.00
7) Phenol-d6	6.51	99	2870423	105.09	ng	0.00
23) Nitrobenzene-d5	7.45	82	1417986	62.60	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	703139	107.67	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3062193	66.01	ng	0.00
79) Terphenyl-d14	13.03	244	3649875	66.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	341217	34.285	ng	97
3) Pyridine	3.49	79	795635	29.673	ng	98
4) n-Nitrosodimethylamine	3.43	42	277445	32.044	ng	87
6) Aniline	6.55	93	1117052	28.258	ng	97
8) 2-Chlorophenol	6.68	128	956321	42.746	ng	98
9) Benzaldehyde	6.44	77	415025	24.640	ng	97
10) Phenol	6.52	94	1246424	41.073	ng	100
11) bis(2-Chloroethyl)ether	6.62	93	935265	39.014	ng	96
12) 1,3-Dichlorobenzene	6.83	146	1015250	38.905	ng	98
13) 1,4-Dichlorobenzene	6.91	146	1023997	39.407	ng	98
14) 1,2-Dichlorobenzene	7.06	146	964229	40.386	ng	97
15) Benzyl Alcohol	7.02	79	754880	37.694	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	889182	34.491	ng	96
17) 2-Methylphenol	7.13	107	796506	41.454	ng	99
18) Hexachloroethane	7.41	117	362798	37.644	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	580965	37.373	ng	100
20) 3+4-Methylphenols	7.28	107	1030374	42.997	ng	97
22) Acetophenone	7.29	105	1325947	39.827	ng	97
24) Nitrobenzene	7.46	77	933314	38.032	ng	95
25) Isophorone	7.70	82	1776342	37.113	ng	98
26) 2-Nitrophenol	7.79	139	420195	43.968	ng	94
27) 2,4-Dimethylphenol	7.82	122	876573	45.455	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	1179797	37.907	ng	99
29) 2,4-Dichlorophenol	8.02	162	811735	40.935	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	878232	38.849	ng	99
31) Naphthalene	8.19	128	2676051	41.963	ng	100
32) Benzoic acid	7.91	122	474517	38.636	ng	95
33) 4-Chloroaniline	8.23	127	743942	24.734	ng	96
34) Hexachlorobutadiene	8.32	225	480299	37.706	ng	99
35) Caprolactam	8.59	113	268706m	38.103	ng	
36) 4-Chloro-3-methylphenol	8.71	107	858571	39.682	ng	99
37) 2-Methylnaphthalene	8.89	142	1880715	42.200	ng	98
38) 1-Methylnaphthalene	8.99	142	1746525	41.592	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	913558	41.659	ng	97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	722604	59.845	ng		96
43) 2,4,6-Trichlorophenol	9.16	196	571690	37.803	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	633355	40.028	ng		98
46) 1,1'-Biphenyl	9.36	154	2251219	41.160	ng		98
47) 2-Chloronaphthalene	9.38	162	1748324	38.507	ng		97
48) 2-Nitroaniline	9.47	65	431157	35.158	ng	#	74
49) Acenaphthylene	9.80	152	2809038	41.696	ng		100
50) Dimethylphthalate	9.65	163	2043323	38.703	ng		99
51) 2,6-Dinitrotoluene	9.71	165	464883	41.484	ng		96
52) Acenaphthene	9.97	154	1805560	42.712	ng		99
53) 3-Nitroaniline	9.88	138	358392	26.771	ng		94
54) 2,4-Dinitrophenol	9.98	184	338073	80.425	ng	#	56
55) Dibenzofuran	10.15	168	2496169	41.583	ng		98
56) 4-Nitrophenol	10.03	139	809604	84.608	ng	#	83
57) 2,4-Dinitrotoluene	10.12	165	605909	42.352	ng	#	81
58) Fluorene	10.49	166	1925834	42.628	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	515100	42.995	ng		95
60) Diethylphthalate	10.36	149	2038696	38.578	ng		100
61) 4-Chlorophenyl-phenylether	10.48	204	972430	41.412	ng		99
62) 4-Nitroaniline	10.49	138	485597	38.028	ng		94
63) Azobenzene	10.64	77	1879142	37.133	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	236157	43.729	ng		90
66) n-Nitrosodiphenylamine	10.60	169	1725001	40.600	ng		99
67) 4-Bromophenyl-phenylether	10.98	248	585404	40.280	ng		97
68) Hexachlorobenzene	11.05	284	611319	38.604	ng		99
69) Atrazine	11.12	200	504863	45.155	ng		99
70) Pentachlorophenol	11.23	266	758578	88.405	ng		99
71) Phenanthrene	11.46	178	2978781	41.791	ng		99
72) Anthracene	11.51	178	2861838	40.644	ng		100
73) Carbazole	11.66	167	2762090	41.559	ng		98
74) Di-n-butylphthalate	12.00	149	3174739	39.394	ng		98
75) Fluoranthene	12.66	202	3318381	42.842	ng		97
77) Benzidine	12.77	184	734801	17.776	ng		96
78) Pyrene	12.89	202	3375820	38.301	ng		99
80) Butylbenzylphthalate	13.52	149	1409830	35.900	ng		91
81) Benzo(a)anthracene	14.09	228	2983213	38.426	ng		99
82) 3,3'-Dichlorobenzidine	14.05	252	981204	34.259	ng		98
83) Chrysene	14.13	228	2860827	38.958	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1954287	38.240	ng		100
85) Di-n-octyl phthalate	14.71	149	3349697	37.195	ng	#	96
86) Indeno(1,2,3-cd)pyrene	17.17	276	3401105	36.962	ng		97
88) Benzo(b)fluoranthene	15.17	252	3061154	48.456	ng		99
89) Benzo(k)fluoranthene	15.20	252	2968355	51.346	ng		99
90) Benzo(a)pyrene	15.56	252	2874373	50.403	ng		98
91) Dibenzo(a,h)anthracene	17.19	278	2825569	49.546	ng		98
92) Benzo(g,h,i)perylene	17.64	276	2821729	49.990	ng		97

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

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