Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000318.D
Acq On : 19 Sep 2019 09:46
Operator : HP/JU
Sample : PB123205BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB123205BS

Manual Integrations APPROVED
mohammad
9/20/2019 1:08:17 PM

Quant Time: Sep 20 04:23:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	262286	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1010314	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	568817	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1058906	20.00	ng		0.00
76) Chrysene-d12	14.00	240	816900	20.00	ng		0.00
87) Perylene-d12	15.48	264	810959	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1539525	101.33	ng		0.02
7) Phenol-d6	6.43	99	1851612	99.42	ng		0.01
23) Nitrobenzene-d5	7.35	82	1031186	65.85	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	678504	120.26	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2355022	74.52	ng		0.00
79) Terphenyl-d14	12.93	244	2777788	71.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	236546	34.502	ng		97
3) Pyridine	3.32	79	555193	30.080	ng		99
4) n-Nitrosodimethylamine	3.26	42	186439	35.823	ng		96
6) Aniline	6.45	93	745489	29.032	ng	#	88
8) 2-Chlorophenol	6.58	128	674247	41.212	ng		99
9) Benzaldehyde	6.34	77	359817	35.007	ng		96
10) Phenol	6.45	94	793237	37.489	ng		83
11) bis(2-Chloroethyl)ether	6.53	93	615614	37.993	ng		96
12) 1,3-Dichlorobenzene	6.73	146	764342	38.932	ng		99
13) 1,4-Dichlorobenzene	6.81	146	780457	39.955	ng		98
14) 1,2-Dichlorobenzene	6.96	146	729521	40.770	ng		99
15) Benzyl Alcohol	6.93	79	544585	40.182	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	547733	35.655	ng		98
17) 2-Methylphenol	7.05	107	559397	39.921	ng		99
18) Hexachloroethane	7.30	117	278591	38.540	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	371171	37.695	ng		97
20) 3+4-Methylphenols	7.20	107	667596	39.399	ng	#	84
22) Acetophenone	7.20	105	903809	41.280	ng	#	98
24) Nitrobenzene	7.37	77	639890	39.342	ng		98
25) Isophorone	7.61	82	1194233	38.515	ng		100
26) 2-Nitrophenol	7.69	139	363597	42.168	ng		95
27) 2,4-Dimethylphenol	7.73	122	598978	43.610	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	782051	37.921	ng		100
29) 2,4-Dichlorophenol	7.93	162	616425	41.876	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	687273	40.733	ng		100
31) Naphthalene	8.10	128	1950195	41.679	ng		100
32) Benzoic acid	7.84	122	313230	33.776	ng		97
33) 4-Chloroaniline	8.14	127	549591	25.954	ng		100
34) Hexachlorobutadiene	8.22	225	413840	41.395	ng		100
35) Caprolactam	8.50	113	199148m	39.770	ng		
36) 4-Chloro-3-methylphenol	8.63	107	619845	41.479	ng		99
37) 2-Methylnaphthalene	8.79	142	1360326	42.528	ng		100
38) 1-Methylnaphthalene	8.89	142	1257324	41.962	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	701824	43.153	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	747256	80.014	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	467686	41.559	ng		100
44) 2,4,5-Trichlorophenol	9.11	196	503410	43.686	ng		98
46) 1,1'-Biphenyl	9.26	154	1663478	42.274	ng		98
47) 2-Chloronaphthalene	9.28	162	1307608	39.614	ng		99
48) 2-Nitroaniline	9.37	65	306316	36.542	ng		96
49) Acenaphthylene	9.70	152	2052427	41.364	ng		100
50) Dimethylphthalate	9.56	163	1561353	40.289	ng		99
51) 2,6-Dinitrotoluene	9.62	165	360244	42.276	ng		89
52) Acenaphthene	9.87	154	1200066	38.326	ng		99
53) 3-Nitroaniline	9.78	138	279007	28.209	ng		100
54) 2,4-Dinitrophenol	9.90	184	296352	78.720	ng	#	91
55) Dibenzofuran	10.05	168	1841650	41.606	ng		99
56) 4-Nitrophenol	9.95	139	561233	76.291	ng		95
57) 2,4-Dinitrotoluene	10.02	165	466745	41.899	ng	#	89
58) Fluorene	10.39	166	1408456	41.196	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	410580	43.301	ng		99
60) Diethylphthalate	10.26	149	1519964	40.771	ng		98
61) 4-Chlorophenyl-phenylether	10.38	204	759270	43.264	ng		93
62) 4-Nitroaniline	10.40	138	373828	38.426	ng		96
63) Azobenzene	10.54	77	1229172	38.917	ng		99
65) 4,6-Dinitro-2-methylphenol	10.44	198	217611	43.705	ng		95
66) n-Nitrosodiphenylamine	10.50	169	1292243	40.539	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	489877	40.911	ng		100
68) Hexachlorobenzene	10.95	284	531515	40.602	ng		97
69) Atrazine	11.03	200	422042	Below Cal			99
70) Pentachlorophenol	11.14	266	569918	79.936	ng		100
71) Phenanthrene	11.36	178	2171419	40.920	ng		100
72) Anthracene	11.41	178	2193801	40.165	ng		100
73) Carbazole	11.56	167	1978621	40.225	ng		99
74) Di-n-butylphthalate	11.90	149	2436730	39.137	ng		99
75) Fluoranthene	12.56	202	2383587	41.832	ng		95
77) Benzidine	12.67	184	954635	32.721	ng		98
78) Pyrene	12.79	202	2385916	39.038	ng		100
80) Butylbenzylphthalate	13.41	149	1030135	36.681	ng		100
81) Benzo(a)anthracene	13.99	228	2028126	39.304	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	699701	33.740	ng		99
83) Chrysene	14.02	228	1985080	39.180	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1364283	40.469	ng		98
85) Di-n-octyl phthalate	14.60	149	2425469	38.819	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2243215	36.323	ng		96
88) Benzo(b)fluoranthene	15.05	252	2155066	44.546	ng		99
89) Benzo(k)fluoranthene	15.08	252	1904658m	45.133	ng		
90) Benzo(a)pyrene	15.42	252	1944229	44.166	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	1848170	45.031	ng		97
92) Benzo(g,h,i)perylene	17.42	276	1707425	40.473	ng		96

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

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