Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000538.D
Acq On : 07 Oct 2019 13:17
Operator : JU
Sample : PB123680BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123680BS

Manual Integrations APPROVED
mohammad
10/8/2019 12:23:48 PM

Quant Time: Oct 07 16:38:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	225896	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	861966	20.00	ng		-0.01
39) Acenaphthene-d10	9.81	164	487204	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	919708	20.00	ng		0.00
76) Chrysene-d12	13.98	240	800338	20.00	ng		0.00
87) Perylene-d12	15.45	264	920921	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1516460	107.91	ng		0.00
7) Phenol-d6	6.40	99	1886605	111.41	ng		0.00
23) Nitrobenzene-d5	7.32	82	870405	61.67	ng		-0.01
42) 2,4,6-Tribromophenol	10.61	330	576315	111.01	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1992853	66.18	ng		0.00
79) Terphenyl-d14	12.91	244	2543087	64.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	218685	38.968	ng		98
3) Pyridine	3.22	79	520502	33.947	ng		97
4) n-Nitrosodimethylamine	3.16	42	178084	41.274	ng		97
6) Aniline	6.42	93	682011	33.150	ng	#	90
8) 2-Chlorophenol	6.55	128	596785	43.029	ng		97
9) Benzaldehyde	6.30	77	366801	41.583	ng		98
10) Phenol	6.42	94	749205	43.210	ng		93
11) bis(2-Chloroethyl)ether	6.49	93	552572	41.423	ng		98
12) 1,3-Dichlorobenzene	6.70	146	666895	39.667	ng		99
13) 1,4-Dichlorobenzene	6.78	146	677869	40.069	ng		97
14) 1,2-Dichlorobenzene	6.93	146	631881	40.455	ng		99
15) Benzyl Alcohol	6.90	79	457329	41.816	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	506307	41.147	ng		98
17) 2-Methylphenol	7.02	107	476397	41.563	ng		99
18) Hexachloroethane	7.28	117	237658	39.471	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	341687	43.774	ng		97
20) 3+4-Methylphenols	7.18	107	610555	45.522	ng	#	76
22) Acetophenone	7.17	105	803003	40.317	ng	#	98
24) Nitrobenzene	7.34	77	554475	40.735	ng		98
25) Isophorone	7.58	82	1043639	41.666	ng		97
26) 2-Nitrophenol	7.66	139	296614	41.437	ng		95
27) 2,4-Dimethylphenol	7.70	122	519348	47.331	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	683193	40.136	ng		100
29) 2,4-Dichlorophenol	7.90	162	521562	42.039	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	576379	39.557	ng		99
31) Naphthalene	8.07	128	1690916	42.003	ng		99
32) Benzoic acid	7.82	122	269673	38.923	ng		100
33) 4-Chloroaniline	8.12	127	408734	23.124	ng		99
34) Hexachlorobutadiene	8.19	225	333863	37.915	ng		97
35) Caprolactam	8.47	113	165773m	39.893	ng		
36) 4-Chloro-3-methylphenol	8.60	107	514053	42.304	ng		98
37) 2-Methylnaphthalene	8.76	142	1187140	43.928	ng		99
38) 1-Methylnaphthalene	8.86	142	1121590	43.923	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	589096	38.202	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	531196	85.505	ng	100
43) 2,4,6-Trichlorophenol	9.05	196	372063	39.195	ng	99
44) 2,4,5-Trichlorophenol	9.09	196	401783	40.994	ng	98
46) 1,1'-Biphenyl	9.23	154	1448933	39.400	ng	99
47) 2-Chloronaphthalene	9.25	162	1122869	39.486	ng	98
48) 2-Nitroaniline	9.35	65	269659	39.168	ng	98
49) Acenaphthylene	9.67	152	1778416	41.452	ng	99
50) Dimethylphthalate	9.53	163	1323498	39.095	ng	100
51) 2,6-Dinitrotoluene	9.59	165	295023	39.963	ng	99
52) Acenaphthene	9.85	154	1050590	40.368	ng	99
53) 3-Nitroaniline	9.76	138	206021	24.355	ng	98
54) 2,4-Dinitrophenol	9.88	184	216899	88.048	ng	92
55) Dibenzofuran	10.02	168	1623668	41.736	ng	100
56) 4-Nitrophenol	9.93	139	461055	85.372	ng	99
57) 2,4-Dinitrotoluene	10.00	165	400717	40.938	ng	94
58) Fluorene	10.36	166	1256891	45.331	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	334997	40.433	ng	98
60) Diethylphthalate	10.24	149	1283862	39.951	ng	99
61) 4-Chlorophenyl-phenylether	10.36	204	654814	43.918	ng	98
62) 4-Nitroaniline	10.38	138	318840	39.191	ng	100
63) Azobenzene	10.52	77	1124580	45.580	ng	100
65) 4,6-Dinitro-2-methylphenol	10.42	198	174713	42.853	ng	89
66) n-Nitrosodiphenylamine	10.48	169	1137512	42.466	ng	97
67) 4-Bromophenyl-phenylether	10.85	248	403142	38.940	ng	99
68) Hexachlorobenzene	10.92	284	436730	37.122	ng	99
69) Atrazine	11.01	200	401453	45.669	ng	99
70) Pentachlorophenol	11.12	266	427247	90.417	ng	97
71) Phenanthrene	11.33	178	1950904	42.237	ng	99
72) Anthracene	11.39	178	1981155	43.258	ng	100
73) Carbazole	11.54	167	1798710	42.368	ng	98
74) Di-n-butylphthalate	11.88	149	2094357	40.496	ng	99
75) Fluoranthene	12.53	202	2192249	42.259	ng	99
77) Benzidine	12.66	184	1574188	67.924	ng	99
78) Pyrene	12.76	202	2237859	40.542	ng	99
80) Butylbenzylphthalate	13.39	149	927781	38.572	ng	95
81) Benzo(a)anthracene	13.97	228	2040413	41.784	ng	96
82) 3,3'-Dichlorobenzidine	13.93	252	419354	21.620	ng	98
83) Chrysene	14.00	228	1990228	41.525	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1252703	41.410	ng	100
85) Di-n-octyl phthalate	14.59	149	2289219	41.750	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2423708	40.483	ng	99
88) Benzo(b)fluoranthene	15.03	252	2080430	39.820	ng	98
89) Benzo(k)fluoranthene	15.06	252	2100708	42.233	ng	99
90) Benzo(a)pyrene	15.39	252	1961523	40.275	ng	97
91) Dibenzo(a,h)anthracene	16.95	278	1997647	42.291	ng	99
92) Benzo(g,h,i)perylene	17.37	276	2020007	42.085	ng	99

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

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