Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000108.D
Acq On : 08 Sep 2019 23:04
Operator : HP/JU
Sample : K4737-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-BPM-04-004-ABCDMS

Quant Time: Sep 09 01:32:50 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	402005	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1484950	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	805183	20.00	ng		-0.01
64) Phenanthrene-d10	11.43	188	1492189	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1244698	20.00	ng		-0.01
87) Perylene-d12	15.62	264	1387254	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2738270	108.62	ng		0.00
7) Phenol-d6	6.52	99	3589379	112.78	ng		0.00
23) Nitrobenzene-d5	7.45	82	1891268	78.15	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	859401	126.63	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	3672506	76.17	ng		0.00
79) Terphenyl-d14	13.03	244	4148504	72.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	367920	31.728	ng		97
3) Pyridine	3.49	79	934635	29.916	ng		96
4) n-Nitrosodimethylamine	3.42	42	307439	30.475	ng		88
6) Aniline	6.55	93	1188630	25.807	ng		97
8) 2-Chlorophenol	6.68	128	991672	38.043	ng		99
9) Benzaldehyde	6.44	77	600081	30.577	ng		96
10) Phenol	6.53	94	1430070	40.444	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	980289	35.095	ng		97
12) 1,3-Dichlorobenzene	6.83	146	1097066	36.081	ng		98
13) 1,4-Dichlorobenzene	6.91	146	1096341	36.210	ng		99
14) 1,2-Dichlorobenzene	7.06	146	1031526	37.081	ng		98
15) Benzyl Alcohol	7.02	79	819297	35.112	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	925572	30.814	ng		96
17) 2-Methylphenol	7.13	107	818689	36.569	ng		99
18) Hexachloroethane	7.41	117	392420	34.946	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	603321	33.310	ng		96
20) 3+4-Methylphenols	7.29	107	1069905	38.318	ng	#	79
22) Acetophenone	7.29	105	1395242	39.227	ng		98
24) Nitrobenzene	7.46	77	978747	37.332	ng		96
25) Isophorone	7.70	82	1841733	36.018	ng		98
26) 2-Nitrophenol	7.79	139	445964	43.679	ng		96
27) 2,4-Dimethylphenol	7.82	122	900856	43.725	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	1211359	36.431	ng		100
29) 2,4-Dichlorophenol	8.02	162	857751	40.488	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	925234	38.310	ng		99
31) Naphthalene	8.19	128	2811412	41.265	ng		99
32) Benzoic acid	7.91	122	486101	37.378	ng		97
33) 4-Chloroaniline	8.23	127	500339	15.571	ng		96
34) Hexachlorobutadiene	8.32	225	518839	38.126	ng		99
35) Caprolactam	8.59	113	282924	37.553	ng		91
36) 4-Chloro-3-methylphenol	8.72	107	890813	38.538	ng		92
37) 2-Methylnaphthalene	8.89	142	1925345	40.438	ng		98
38) 1-Methylnaphthalene	8.99	142	1827872	40.745	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	919638	40.352	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1061309	84.575	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	593599	37.768	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	655392	39.855	ng		97
46) 1,1'-Biphenyl	9.35	154	2314023	40.709	ng		98
47) 2-Chloronaphthalene	9.38	162	1811668	38.395	ng		98
48) 2-Nitroaniline	9.46	65	450631	35.357	ng		90
49) Acenaphthylene	9.80	152	2949313	42.124	ng		98
50) Dimethylphthalate	9.65	163	2605815	47.492	ng		100
51) 2,6-Dinitrotoluene	9.71	165	481951	41.382	ng		95
52) Acenaphthene	9.97	154	1874993	42.678	ng		100
53) 3-Nitroaniline	9.87	138	300404	21.592	ng	#	91
54) 2,4-Dinitrophenol	9.98	184	335559	77.199	ng	#	45
55) Dibenzofuran	10.15	168	2586932	41.467	ng		98
56) 4-Nitrophenol	10.03	139	850956	85.569	ng		91
57) 2,4-Dinitrotoluene	10.12	165	631921	42.501	ng	#	80
58) Fluorene	10.49	166	1983858	42.253	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	533420	42.842	ng		95
60) Diethylphthalate	10.36	149	2094783	38.142	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	1009192	41.354	ng		97
62) 4-Nitroaniline	10.49	138	522927	39.404	ng		94
63) Azobenzene	10.64	77	1949310	37.064	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	235431	42.125	ng		93
66) n-Nitrosodiphenylamine	10.60	169	1841018	41.528	ng		100
67) 4-Bromophenyl-phenylether	10.97	248	603227	39.778	ng		96
68) Hexachlorobenzene	11.05	284	633131	38.317	ng		100
69) Atrazine	11.12	200	554196	47.844	ng		98
70) Pentachlorophenol	11.23	266	785805	87.767	ng		99
71) Phenanthrene	11.46	178	3043051	40.916	ng		99
72) Anthracene	11.51	178	3115292	42.403	ng		100
73) Carbazole	11.66	167	2895023	41.746	ng		99
74) Di-n-butylphthalate	12.00	149	3385970	40.267	ng		100
75) Fluoranthene	12.66	202	3438311	42.542	ng		96
77) Benzidine	12.77	184	1988875	46.312	ng		97
78) Pyrene	12.89	202	3514030	38.376	ng		100
80) Butylbenzylphthalate	13.52	149	1512266	37.066	ng	#	87
81) Benzo(a)anthracene	14.09	228	3044374	37.745	ng		99
82) 3,3'-Dichlorobenzidine	14.05	252	615603	20.689	ng		99
83) Chrysene	14.13	228	2984462	39.120	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	2055226	38.709	ng		99
85) Di-n-octyl phthalate	14.71	149	3656141	39.077	ng	#	96
86) Indeno(1,2,3-cd)pyrene	17.17	276	3674796	38.441	ng		96
88) Benzo(b)fluoranthene	15.17	252	3355752	39.602	ng		99
89) Benzo(k)fluoranthene	15.20	252	3042480	39.236	ng		97
90) Benzo(a)pyrene	15.56	252	3086301	40.348	ng		97
91) Dibenzo(a,h)anthracene	17.19	278	2985833	39.033	ng		98
92) Benzo(g,h,i)perylene	17.63	276	2967574	39.195	ng		98

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

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