Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000388.D
Acq On : 24 Sep 2019 16:59
Operator : JU
Sample : K5008-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-7MSD

Manual Integrations APPROVED
mohammad
9/26/2019 8:24:51 AM

Quant Time: Sep 25 01:33:32 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	248355	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	897362	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	502050	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	946863	20.00	ng		0.00
76) Chrysene-d12	13.99	240	758029	20.00	ng		0.00
87) Perylene-d12	15.47	264	882132	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2001655	139.14	ng		0.01
7) Phenol-d6	6.43	99	2614482	148.26	ng		0.01
23) Nitrobenzene-d5	7.35	82	1482862	106.62	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	710188	142.62	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2766535	99.18	ng		0.00
79) Terphenyl-d14	12.93	244	3207308	88.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	250114	38.527	ng		100
3) Pyridine	3.28	79	638355	36.526	ng		99
4) n-Nitrosodimethylamine	3.21	42	216486	43.929	ng		99
6) Aniline	6.45	93	771245	31.720	ng	#	1
8) 2-Chlorophenol	6.58	128	738941	47.700	ng		96
9) Benzaldehyde	6.33	77	468504	51.026	ng		96
10) Phenol	6.45	94	954478	47.640	ng		83
11) bis(2-Chloroethyl)ether	6.52	93	693081	45.173	ng		99
12) 1,3-Dichlorobenzene	6.73	146	823159	44.280	ng		98
13) 1,4-Dichlorobenzene	6.80	146	833638	45.071	ng		98
14) 1,2-Dichlorobenzene	6.96	146	779192	45.989	ng		98
15) Benzyl Alcohol	6.93	79	596344	46.470	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	627348	43.129	ng		97
17) 2-Methylphenol	7.05	107	617306	46.525	ng		99
18) Hexachloroethane	7.30	117	296514	43.321	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	419721	45.017	ng		97
20) 3+4-Methylphenols	7.20	107	751610	46.845	ng		92
22) Acetophenone	7.19	105	1002573	51.555	ng	#	99
24) Nitrobenzene	7.37	77	707240	48.957	ng		97
25) Isophorone	7.61	82	1328898	48.252	ng		98
26) 2-Nitrophenol	7.69	139	399527	52.167	ng		98
27) 2,4-Dimethylphenol	7.73	122	653005	53.528	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	867511	47.360	ng		99
29) 2,4-Dichlorophenol	7.93	162	657915	50.320	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	711490	47.476	ng		99
31) Naphthalene	8.09	128	2106812	50.693	ng		100
32) Benzoic acid	7.85	122	402634	48.882	ng		100
33) 4-Chloroaniline	8.14	127	263255	13.997	ng		98
34) Hexachlorobutadiene	8.22	225	409569	46.125	ng		100
35) Caprolactam	8.50	113	223135m	50.169	ng		
36) 4-Chloro-3-methylphenol	8.63	107	665820	50.164	ng		98
37) 2-Methylnaphthalene	8.79	142	1436485	50.562	ng		100
38) 1-Methylnaphthalene	8.89	142	1346542	50.596	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	711591	49.573	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	740674	89.857	ng		99
43) 2,4,6-Trichlorophenol	9.06	196	489661	49.298	ng		100
44) 2,4,5-Trichlorophenol	9.11	196	529321	52.044	ng		98
46) 1,1'-Biphenyl	9.25	154	1767011	50.877	ng		99
47) 2-Chloronaphthalene	9.28	162	1385207	47.546	ng		98
48) 2-Nitroaniline	9.37	65	342357	46.273	ng		100
49) Acenaphthylene	9.69	152	2190288	50.013	ng		99
50) Dimethylphthalate	9.55	163	2043673	59.747	ng		100
51) 2,6-Dinitrotoluene	9.61	165	381129	50.675	ng		96
52) Acenaphthene	9.86	154	1289821	46.671	ng		99
53) 3-Nitroaniline	9.78	138	212535	24.346	ng		94
54) 2,4-Dinitrophenol	9.89	184	341418	102.751	ng		95
55) Dibenzofuran	10.04	168	1986116	50.837	ng		98
56) 4-Nitrophenol	9.96	139	622331	95.846	ng		95
57) 2,4-Dinitrotoluene	10.02	165	508748	51.743	ng	#	84
58) Fluorene	10.38	166	1508782	49.999	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	423950	50.657	ng		100
60) Diethylphthalate	10.26	149	1622412	49.307	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	779251	50.307	ng		95
62) 4-Nitroaniline	10.40	138	398285	46.384	ng		98
63) Azobenzene	10.53	77	1386335	49.730	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	240467	54.011	ng		96
66) n-Nitrosodiphenylamine	10.49	169	1385583	48.610	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	499413	46.643	ng		99
68) Hexachlorobenzene	10.94	284	527667	45.078	ng		97
70) Pentachlorophenol	11.13	266	584386	91.664	ng		99
71) Phenanthrene	11.35	178	2315520	48.799	ng		100
72) Anthracene	11.40	178	2386616	48.865	ng		100
73) Carbazole	11.56	167	2195292	49.910	ng		100
74) Di-n-butylphthalate	11.89	149	2599071	46.684	ng		99
75) Fluoranthene	12.55	202	2614656	51.317	ng		97
77) Benzidine	12.67	184	1377634	50.887	ng		98
78) Pyrene	12.78	202	2643978	46.620	ng		99
80) Butylbenzylphthalate	13.40	149	1164030	44.668	ng		92
81) Benzo(a)anthracene	13.98	228	2281074	47.639	ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	764298	39.717	ng		99
83) Chrysene	14.02	228	2242533	47.699	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1482943	47.405	ng		99
85) Di-n-octyl phthalate	14.59	149	2756143	47.537	ng		99
86) Indeno(1,2,3-cd)pyrene	16.95	276	2772258	48.376	ng		99
88) Benzo(b)fluoranthene	15.04	252	2598107	49.370	ng		99
89) Benzo(k)fluoranthene	15.07	252	2199145	47.907	ng		99
90) Benzo(a)pyrene	15.41	252	2392587	49.966	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	2237091	50.109	ng		99
92) Benzo(g,h,i)perylene	17.40	276	2307702	50.289	ng		99

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

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