Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000443.D
Acq On : 27 Sep 2019 02:38
Operator : JU
Sample : K4657-03MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MSD

Manual Integrations APPROVED
mohammad
9/27/2019 1:47:33 PM

Quant Time: Sep 27 11:43:49 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	230172	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	831802	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	453331	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	863411	20.00	ng		0.00
76) Chrysene-d12	14.00	240	673393	20.00	ng		0.00
87) Perylene-d12	15.49	264	775024	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1776768	133.26	ng		0.02
7) Phenol-d6	6.44	99	2235927	136.81	ng		0.02
23) Nitrobenzene-d5	7.35	82	1301264	100.93	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	679934	151.22	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2658852	105.56	ng		0.00
79) Terphenyl-d14	12.94	244	3241313	100.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	226515	37.648	ng	#	89
3) Pyridine	3.37	79	467585	28.868	ng		98
4) n-Nitrosodimethylamine	3.28	42	198359	43.431	ng		96
6) Aniline	6.45	93	196225	8.708	ng	#	1
8) 2-Chlorophenol	6.58	128	692775	48.253	ng		97
9) Benzaldehyde	6.34	77	234865	24.066	ng		98
10) Phenol	6.45	94	829712	44.684	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	711344	50.026	ng		98
12) 1,3-Dichlorobenzene	6.73	146	737620	42.813	ng		99
13) 1,4-Dichlorobenzene	6.81	146	747931	43.632	ng		97
14) 1,2-Dichlorobenzene	6.96	146	695261	44.277	ng		99
15) Benzyl Alcohol	6.93	79	518255	43.575	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	567323	42.083	ng		91
17) 2-Methylphenol	7.06	107	576087	46.849	ng		96
18) Hexachloroethane	7.30	117	223525	35.237	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	394570	45.663	ng		98
20) 3+4-Methylphenols	7.21	107	746903	50.229	ng	#	70
22) Acetophenone	7.20	105	951122	52.764	ng	#	97
24) Nitrobenzene	7.37	77	666688	49.787	ng		97
25) Isophorone	7.61	82	1214202	47.563	ng		98
26) 2-Nitrophenol	7.69	139	356054	50.155	ng		96
27) 2,4-Dimethylphenol	7.73	122	622423	55.043	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	799894	47.111	ng		99
29) 2,4-Dichlorophenol	7.94	162	623605	51.455	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	650276	46.811	ng		100
31) Naphthalene	8.09	128	1974319	51.249	ng		100
32) Benzoic acid	7.86	122	390387	51.130	ng		97
33) 4-Chloroaniline	8.15	127	163807	9.396	ng		98
34) Hexachlorobutadiene	8.22	225	376282	45.716	ng		99
35) Caprolactam	8.50	113	201286m	48.823	ng		
36) 4-Chloro-3-methylphenol	8.64	107	629684	51.181	ng		99
37) 2-Methylnaphthalene	8.79	142	1350989	51.300	ng		100
38) 1-Methylnaphthalene	8.89	142	1260660	51.103	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	674872	52.067	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	212793	28.590	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	456520	50.901	ng		97
44) 2,4,5-Trichlorophenol	9.12	196	490120	53.368	ng		96
46) 1,1'-Biphenyl	9.26	154	1644249	52.430	ng		97
47) 2-Chloronaphthalene	9.28	162	1281874	48.727	ng		97
48) 2-Nitroaniline	9.37	65	325619	48.741	ng		100
49) Acenaphthylene	9.70	152	2051044	51.867	ng		100
50) Dimethylphthalate	9.56	163	1841657	59.627	ng		100
51) 2,6-Dinitrotoluene	9.62	165	350116	51.555	ng		97
52) Acenaphthene	9.87	154	1188560	47.629	ng		98
53) 3-Nitroaniline	9.78	138	145953	18.516	ng		94
54) 2,4-Dinitrophenol	9.90	184	162143	54.042	ng		95
55) Dibenzofuran	10.05	168	1853750	52.548	ng		98
56) 4-Nitrophenol	9.97	139	559212	95.381	ng		90
57) 2,4-Dinitrotoluene	10.03	165	453902	51.126	ng		95
58) Fluorene	10.39	166	1413049	51.859	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	407102	53.872	ng		98
60) Diethylphthalate	10.26	149	1476339	49.689	ng		98
61) 4-Chlorophenyl-phenylether	10.38	204	714560	51.089	ng		96
62) 4-Nitroaniline	10.40	138	326939	42.167	ng		98
63) Azobenzene	10.54	77	1270829	50.486	ng		97
65) 4,6-Dinitro-2-methylphenol	10.44	198	124923	30.771	ng		98
66) n-Nitrosodiphenylamine	10.50	169	1198549	46.113	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	452661	46.362	ng		95
68) Hexachlorobenzene	10.95	284	497212	46.582	ng		94
69) Atrazine	11.03	200	294068	47.981	ng		97
70) Pentachlorophenol	11.15	266	522164	89.821	ng		99
71) Phenanthrene	11.36	178	2204688	50.955	ng		100
72) Anthracene	11.41	178	2251703	50.559	ng		100
73) Carbazole	11.57	167	1960445	48.879	ng		98
74) Di-n-butylphthalate	11.90	149	2426995	47.806	ng		99
75) Fluoranthene	12.56	202	2401170	51.682	ng		97
77) Benzidine	12.68	184	45267	1.882	ng		99
78) Pyrene	12.79	202	2451616	48.661	ng		99
80) Butylbenzylphthalate	13.42	149	1073902	46.389	ng		99
81) Benzo(a)anthracene	14.00	228	2128188	50.032	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	343153	20.073	ng		99
83) Chrysene	14.03	228	2061706	49.365	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1367036	49.192	ng	#	99
85) Di-n-octyl phthalate	14.61	149	2517922	48.887	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2276631	44.720	ng		99
88) Benzo(b)fluoranthene	15.06	252	2286149	49.446	ng		98
89) Benzo(k)fluoranthene	15.09	252	2124668	52.681	ng		99
90) Benzo(a)pyrene	15.43	252	2199387	52.279	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1911608	48.736	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1810568	44.908	ng		99

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

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