Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
Data File : BP000459.D
Acq On : 27 Sep 2019 15:55
Operator : JU
Sample : K4968-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FK-BPM-03-010-ABCDMS

Manual Integrations APPROVED
mohammad
9/30/2019 8:15:20 AM

Quant Time: Sep 27 23:42:42 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	173822	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	641409	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	399529	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	429896	20.00	ng		0.00
76) Chrysene-d12	14.01	240	399878	20.00	ng		0.01
87) Perylene-d12	15.49	264	448691	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1296856	128.80	ng		0.02
7) Phenol-d6	6.43	99	1787058	144.79	ng		0.01
23) Nitrobenzene-d5	7.35	82	1033870	104.00	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	380872	96.11	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2224001	100.19	ng		0.00
79) Terphenyl-d14	12.94	244	1816687	95.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	191391	42.123	ng		99
3) Pyridine	3.29	79	406128	33.202	ng		99
4) n-Nitrosodimethylamine	3.22	42	146814	42.566	ng		96
6) Aniline	6.45	93	454828	26.728	ng	#	22
8) 2-Chlorophenol	6.58	128	432690	39.908	ng		99
9) Benzaldehyde	6.33	77	350421	55.058	ng		98
10) Phenol	6.45	94	723205	51.574	ng		78
11) bis(2-Chloroethyl)ether	6.52	93	447554	41.678	ng		100
12) 1,3-Dichlorobenzene	6.73	146	481476	37.006	ng		99
13) 1,4-Dichlorobenzene	6.81	146	560586	43.305	ng		96
14) 1,2-Dichlorobenzene	6.96	146	545035	45.962	ng		100
15) Benzyl Alcohol	6.93	79	427701	47.619	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	398947	39.187	ng		89
17) 2-Methylphenol	7.05	107	419959	45.223	ng		97
18) Hexachloroethane	7.30	117	178938	37.352	ng	#	88
19) n-Nitroso-di-n-propylamine	7.20	70	261708	40.105	ng		98
20) 3+4-Methylphenols	7.20	107	469726	41.830	ng	#	76
22) Acetophenone	7.19	105	623572	44.861	ng	#	98
24) Nitrobenzene	7.37	77	490734	47.525	ng		98
25) Isophorone	7.61	82	736853	37.432	ng		98
26) 2-Nitrophenol	7.69	139	286073	52.259	ng		95
27) 2,4-Dimethylphenol	7.73	122	482451	55.329	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	604790	46.193	ng		100
29) 2,4-Dichlorophenol	7.93	162	390639	41.800	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	451635	42.163	ng		99
31) Naphthalene	8.09	128	1231482	41.456	ng		99
32) Benzoic acid	7.85	122	230989	39.234	ng		98
33) 4-Chloroaniline	8.14	127	171533	12.759	ng		99
34) Hexachlorobutadiene	8.22	225	299440	47.179	ng		99
35) Caprolactam	8.50	113	155450m	48.898	ng		
36) 4-Chloro-3-methylphenol	8.63	107	460139	48.502	ng		96
37) 2-Methylnaphthalene	8.79	142	883472	43.506	ng		98
38) 1-Methylnaphthalene	8.89	142	902957	47.468	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	521626	45.664	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	494727	75.420	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	297817	37.678	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	373805	46.184	ng		99
46) 1,1'-Biphenyl	9.25	154	1174625	42.499	ng		99
47) 2-Chloronaphthalene	9.28	162	832815	35.921	ng		98
48) 2-Nitroaniline	9.38	65	238824	40.563	ng		98
49) Acenaphthylene	9.70	152	1575402	45.204	ng		99
50) Dimethylphthalate	9.56	163	1334217	49.015	ng		99
51) 2,6-Dinitrotoluene	9.62	165	249575	41.699	ng		95
52) Acenaphthene	9.87	154	762859	34.686	ng		99
53) 3-Nitroaniline	9.78	138	115018	16.556	ng		93
54) 2,4-Dinitrophenol	9.90	184	170586	64.512	ng		95
55) Dibenzofuran	10.05	168	1563743	50.297	ng		99
56) 4-Nitrophenol	9.96	139	331338	64.124	ng		92
57) 2,4-Dinitrotoluene	10.03	165	400476	51.183	ng		98
58) Fluorene	10.39	166	999214	41.610	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	307396	46.155	ng		97
60) Diethylphthalate	10.26	149	1179090	45.029	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	533372	43.270	ng		97
62) 4-Nitroaniline	10.40	138	258751	37.867	ng		92
63) Azobenzene	10.54	77	676570	30.498	ng		96
65) 4,6-Dinitro-2-methylphenol	10.44	198	141841	70.170	ng		96
66) n-Nitrosodiphenylamine	10.50	169	868527	67.112	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	227745	46.849	ng		94
68) Hexachlorobenzene	10.95	284	259241	48.779	ng		96
70) Pentachlorophenol	11.15	266	238190	82.290	ng		99
71) Phenanthrene	11.36	178	976578	45.331	ng		99
72) Anthracene	11.41	178	1009418	45.521	ng		99
73) Carbazole	11.57	167	899033	45.019	ng		99
74) Di-n-butylphthalate	11.90	149	1103206	43.644	ng		99
75) Fluoranthene	12.56	202	1137074	49.154	ng		92
77) Benzidine	12.68	184	406741	28.481	ng		97
78) Pyrene	12.79	202	1161251	38.815	ng		99
80) Butylbenzylphthalate	13.42	149	497976	36.225	ng		95
81) Benzo(a)anthracene	14.00	228	1075065	42.561	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	324597	31.975	ng		99
83) Chrysene	14.03	228	1056099	42.583	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	686798	41.619	ng		98
85) Di-n-octyl phthalate	14.61	149	1204122	39.370	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1359385	44.967	ng	#	91
88) Benzo(b)fluoranthene	15.06	252	1160179	43.343	ng	#	96
89) Benzo(k)fluoranthene	15.09	252	1121413	48.028	ng	#	95
90) Benzo(a)pyrene	15.43	252	1118801	45.935	ng	#	96
91) Dibenzo(a,h)anthracene	17.01	278	1139994	50.202	ng	#	94
92) Benzo(g,h,i)perylene	17.44	276	1120255	47.995	ng	#	92

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

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