Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100319\
Data File : BP000494.D
Acq On : 03 Oct 2019 14:44
Operator : JU
Sample : K4663-12MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MSD

Manual Integrations APPROVED
mohammad
10/7/2019 8:28:21 AM

Quant Time: Oct 04 01:39:52 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	6.77	152	278519	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1012754	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	567392	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1028612	20.00	ng		0.00
76) Chrysene-d12	13.99	240	747267	20.00	ng		0.00
87) Perylene-d12	15.46	264	802273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1913418	110.43	ng		0.02
7) Phenol-d6	6.42	99	2386590	114.30	ng		0.00
23) Nitrobenzene-d5	7.33	82	1411978	85.15	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	808215	133.67	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	3139943	89.54	ng		0.00
79) Terphenyl-d14	12.92	244	3451096	93.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	238320	34.444	ng	#	89
3) Pyridine	3.39	79	398327m	21.070	ng		
4) n-Nitrosodimethylamine	3.29	42	215379	40.487	ng		96
6) Aniline	6.43	93	317933	12.534	ng	#	1
8) 2-Chlorophenol	6.56	128	740626	43.311	ng		97
9) Benzaldehyde	6.32	77	173465	15.950	ng		93
10) Phenol	6.43	94	870825	40.735	ng		95
11) bis(2-Chloroethyl)ether	6.51	93	747064	45.422	ng		97
12) 1,3-Dichlorobenzene	6.71	146	762773	36.798	ng		98
13) 1,4-Dichlorobenzene	6.79	146	780234	37.406	ng		99
14) 1,2-Dichlorobenzene	6.94	146	729863	37.899	ng		98
15) Benzyl Alcohol	6.92	79	587387	43.561	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	618139	40.744	ng		90
17) 2-Methylphenol	7.03	107	636073	45.008	ng		97
18) Hexachloroethane	7.28	117	276646	37.266	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	411935	42.802	ng		97
20) 3+4-Methylphenols	7.19	107	761463	46.047	ng	#	73
22) Acetophenone	7.18	105	1001101	42.780	ng		98
24) Nitrobenzene	7.35	77	728440	45.548	ng		99
25) Isophorone	7.59	82	1371154	46.591	ng		99
26) 2-Nitrophenol	7.67	139	418477	49.757	ng		98
27) 2,4-Dimethylphenol	7.71	122	682610	52.948	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	919708	45.986	ng		100
29) 2,4-Dichlorophenol	7.92	162	711944	48.840	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	749443	43.777	ng		99
31) Naphthalene	8.08	128	2153075	45.520	ng		99
32) Benzoic acid	7.83	122	471396	57.908	ng		100
33) 4-Chloroaniline	8.12	127	155988	7.511	ng		99
34) Hexachlorobutadiene	8.20	225	439422	42.473	ng		98
35) Caprolactam	8.49	113	222201m	45.511	ng		
36) 4-Chloro-3-methylphenol	8.62	107	701610	49.143	ng		99
37) 2-Methylnaphthalene	8.77	142	1536597	48.393	ng		99
38) 1-Methylnaphthalene	8.87	142	1439267	47.972	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	769762	42.863	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	707022	96.681	ng		100
43) 2,4,6-Trichlorophenol	9.05	196	528895	47.842	ng		99
44) 2,4,5-Trichlorophenol	9.10	196	566749	49.653	ng		99
46) 1,1'-Biphenyl	9.23	154	1882287	43.950	ng		98
47) 2-Chloronaphthalene	9.26	162	1475149	44.543	ng		99
48) 2-Nitroaniline	9.36	65	333400	41.583	ng		89
49) Acenaphthylene	9.68	152	2270707	45.447	ng		99
50) Dimethylphthalate	9.54	163	2083566	52.849	ng		99
51) 2,6-Dinitrotoluene	9.60	165	407651	47.415	ng		92
52) Acenaphthene	9.85	154	1339912	44.209	ng		99
53) 3-Nitroaniline	9.77	138	160117	16.253	ng		93
54) 2,4-Dinitrophenol	9.88	184	378193	131.826	ng		99
55) Dibenzofuran	10.03	168	2066082	45.603	ng		99
56) 4-Nitrophenol	9.95	139	595164	94.629	ng		99
57) 2,4-Dinitrotoluene	10.01	165	526493	46.186	ng		99
58) Fluorene	10.37	166	1550087	48.005	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	474097	49.135	ng		99
60) Diethylphthalate	10.25	149	1681997	44.943	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	827811	47.675	ng		97
62) 4-Nitroaniline	10.39	138	369241	38.972	ng		99
63) Azobenzene	10.52	77	1371798	47.742	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	263276	57.739	ng		98
66) n-Nitrosodiphenylamine	10.49	169	1398997	46.698	ng		97
67) 4-Bromophenyl-phenylether	10.86	248	544349	47.013	ng		96
68) Hexachlorobenzene	10.93	284	575982	43.775	ng		96
69) Atrazine	11.02	200	381615	38.816	ng		99
70) Pentachlorophenol	11.13	266	640674	121.230	ng		97
71) Phenanthrene	11.34	178	2347628	45.444	ng		99
72) Anthracene	11.39	178	2379033	46.446	ng		100
73) Carbazole	11.55	167	2121951	44.690	ng		99
74) Di-n-butylphthalate	11.89	149	2619461	45.287	ng		99
75) Fluoranthene	12.54	202	2554408	44.027	ng		99
77) Benzidine	12.66	184	6832	0.316	ng	#	80
78) Pyrene	12.77	202	2579398	50.048	ng		99
80) Butylbenzylphthalate	13.40	149	1111720	49.501	ng		99
81) Benzo(a)anthracene	13.97	228	2143216	47.007	ng		97
82) 3,3'-Dichlorobenzidine	13.93	252	235478	13.002	ng		98
83) Chrysene	14.01	228	2159294	48.252	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1402010	49.637	ng		98
85) Di-n-octyl phthalate	14.59	149	2573228	50.262	ng		99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1457696	26.077	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	2219777	48.770	ng		97
89) Benzo(k)fluoranthene	15.06	252	2205082	50.888	ng		99
90) Benzo(a)pyrene	15.40	252	2147524	50.615	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	1218202	29.604	ng	#	94
92) Benzo(g,h,i)perylene	17.39	276	1204421	28.804	ng	#	92

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

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