Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000688.D
Acq On : 12 Oct 2019 23:36
Operator : JU
Sample : K5348-11MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190879-COMPOSITE-KMSD

Manual Integrations APPROVED
mohammad
10/16/2019 8:08:18 AM

Quant Time: Oct 14 06:32:42 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	6.75	152	235852	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	816981	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	446317	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	816868	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	627941	20.00	ng		-0.01
87) Perylene-d12	15.45	264	742352	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1352768	92.20	ng		-0.01
7) Phenol-d6	6.40	99	2142589	121.18	ng		-0.01
23) Nitrobenzene-d5	7.32	82	1249006	93.37	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	417407	87.76	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	2347906	85.12	ng		-0.02
79) Terphenyl-d14	12.90	244	2598562	83.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	241649	41.243	ng		99
3) Pyridine	3.22	79	623363	38.939	ng		98
4) n-Nitrosodimethylamine	3.17	42	201434	44.716	ng		100
6) Aniline	6.41	93	342407	15.941	ng	#	1
8) 2-Chlorophenol	6.54	128	666492	46.026	ng		99
9) Benzaldehyde	6.30	77	368978	40.064	ng		95
10) Phenol	6.41	94	930964	51.426	ng		98
11) bis(2-Chloroethyl)ether	6.49	93	644207	46.254	ng		99
12) 1,3-Dichlorobenzene	6.69	146	751040	42.786	ng		98
13) 1,4-Dichlorobenzene	6.77	146	760838	43.075	ng		98
14) 1,2-Dichlorobenzene	6.92	146	700610	42.962	ng		99
15) Benzyl Alcohol	6.89	79	518656	45.422	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	559332	43.538	ng		94
17) 2-Methylphenol	7.02	107	548988	45.874	ng		96
18) Hexachloroethane	7.26	117	260091	41.374	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	366702	44.995	ng		99
20) 3+4-Methylphenols	7.17	107	682618	48.747	ng	#	67
22) Acetophenone	7.16	105	895124	47.417	ng		97
24) Nitrobenzene	7.33	77	628181	48.691	ng		98
25) Isophorone	7.58	82	1169738	49.271	ng		99
26) 2-Nitrophenol	7.65	139	356083	52.484	ng		98
27) 2,4-Dimethylphenol	7.69	122	590441	56.773	ng		100
28) bis(2-Chloroethoxy)methane	7.78	93	772624	47.889	ng		99
29) 2,4-Dichlorophenol	7.90	162	591262	50.281	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	647984	46.920	ng		99
31) Naphthalene	8.06	128	1889653	49.525	ng		99
32) Benzoic acid	7.82	122	329123	50.119	ng		98
33) 4-Chloroaniline	8.10	127	154810	9.241	ng		98
34) Hexachlorobutadiene	8.18	225	380856	45.633	ng		97
35) Caprolactam	8.47	113	196231m	49.823	ng		
36) 4-Chloro-3-methylphenol	8.60	107	586754	50.946	ng		97
37) 2-Methylnaphthalene	8.75	142	1288068	50.287	ng		100
38) 1-Methylnaphthalene	8.85	142	1205088	49.792	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	657124	46.517	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	274632	51.435	ng		99
43) 2,4,6-Trichlorophenol	9.03	196	418376	48.111	ng		98
44) 2,4,5-Trichlorophenol	9.08	196	450014	50.122	ng		99
46) 1,1'-Biphenyl	9.22	154	1572114	46.666	ng		98
47) 2-Chloronaphthalene	9.25	162	1239896	47.596	ng		100
48) 2-Nitroaniline	9.34	65	293677	46.565	ng		93
49) Acenaphthylene	9.66	152	1951599	49.656	ng		99
50) Dimethylphthalate	9.52	163	1699994	54.817	ng		99
51) 2,6-Dinitrotoluene	9.59	165	335587	49.622	ng		94
52) Acenaphthene	9.83	154	1121064	47.023	ng		99
53) 3-Nitroaniline	9.75	138	128957	16.641	ng		89
54) 2,4-Dinitrophenol	9.87	184	233655	103.539	ng	#	90
55) Dibenzofuran	10.01	168	1742309	48.888	ng		99
56) 4-Nitrophenol	9.93	139	484574	97.946	ng		99
57) 2,4-Dinitrotoluene	9.99	165	441257	49.209	ng		99
58) Fluorene	10.35	166	1319008	51.930	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	377918	49.793	ng		98
60) Diethylphthalate	10.23	149	1395879	47.416	ng		99
61) 4-Chlorophenyl-phenylether	10.35	204	679323	49.736	ng		98
62) 4-Nitroaniline	10.37	138	318454	42.730	ng		99
63) Azobenzene	10.50	77	1185025	52.430	ng		99
65) 4,6-Dinitro-2-methylphenol	10.41	198	195890	54.097	ng		87
66) n-Nitrosodiphenylamine	10.46	169	1217628	51.179	ng		97
67) 4-Bromophenyl-phenylether	10.84	248	439415	47.787	ng		95
68) Hexachlorobenzene	10.91	284	475781	45.532	ng		96
69) Atrazine	11.00	200	374801	48.005	ng		99
70) Pentachlorophenol	11.11	266	455343	108.495	ng		98
71) Phenanthrene	11.32	178	2018283	49.196	ng		98
72) Anthracene	11.37	178	2039386	50.135	ng		99
73) Carbazole	11.53	167	1886796	50.038	ng		98
74) Di-n-butylphthalate	11.87	149	2220224	48.334	ng		99
75) Fluoranthene	12.52	202	2249106	48.813	ng		98
77) Benzidine	12.65	184	808309	44.453	ng		98
78) Pyrene	12.76	202	2294228	52.974	ng		99
80) Butylbenzylphthalate	13.39	149	976459	51.741	ng		99
81) Benzo(a)anthracene	13.96	228	1922203	50.171	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	558217	36.681	ng		97
83) Chrysene	14.00	228	1912370	50.855	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1237759	52.149	ng		99
85) Di-n-octyl phthalate	14.57	149	2272761	52.829	ng		100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2320197	49.394	ng		100
88) Benzo(b)fluoranthene	15.02	252	2093339	49.705	ng		98
89) Benzo(k)fluoranthene	15.05	252	1953804	48.728	ng		99
90) Benzo(a)pyrene	15.39	252	2016587	51.365	ng		98
91) Dibenzo(a,h)anthracene	16.94	278	1877332	49.304	ng		98
92) Benzo(g,h,i)perylene	17.36	276	1985441	51.315	ng		99

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

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