Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000680.D
Acq On : 12 Oct 2019 20:22
Operator : JU
Sample : K5298-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-10MS

Manual Integrations APPROVED
mohammad
10/16/2019 8:08:04 AM

Quant Time: Oct 14 05:44:12 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	240875	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	868480	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	483348	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	912029	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	736888	20.00	ng		0.00
87) Perylene-d12	15.45	264	834220	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1563735	104.35	ng		-0.01
7) Phenol-d6	6.39	99	2012092	111.43	ng		-0.02
23) Nitrobenzene-d5	7.31	82	1138832	80.09	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	621968	120.76	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	2416792	80.90	ng		-0.02
79) Terphenyl-d14	12.90	244	2901235	79.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	198314	33.141	ng		100
3) Pyridine	3.22	79	488332	29.868	ng		98
4) n-Nitrosodimethylamine	3.15	42	162925	35.413	ng		99
6) Aniline	6.41	93	351987	16.045	ng	#	1
8) 2-Chlorophenol	6.54	128	552127	37.334	ng		98
9) Benzaldehyde	6.29	77	301368	32.040	ng		99
10) Phenol	6.40	94	748799	40.501	ng		100
11) bis(2-Chloroethyl)ether	6.49	93	518100	36.424	ng		98
12) 1,3-Dichlorobenzene	6.69	146	623330	34.770	ng		98
13) 1,4-Dichlorobenzene	6.77	146	632177	35.044	ng		98
14) 1,2-Dichlorobenzene	6.92	146	583463	35.032	ng		99
15) Benzyl Alcohol	6.89	79	435848	37.374	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	470347	35.848	ng		100
17) 2-Methylphenol	7.01	107	455200	37.244	ng		98
18) Hexachloroethane	7.26	117	221658	34.525	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	306886	36.870	ng		99
20) 3+4-Methylphenols	7.16	107	566374	39.602	ng	#	81
22) Acetophenone	7.16	105	745817	37.165	ng		98
24) Nitrobenzene	7.33	77	528368	38.526	ng		96
25) Isophorone	7.57	82	975767	38.664	ng		97
26) 2-Nitrophenol	7.65	139	297716	41.279	ng		94
27) 2,4-Dimethylphenol	7.69	122	474479	42.918	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	648370	37.804	ng		100
29) 2,4-Dichlorophenol	7.89	162	499879	39.989	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	543042	36.990	ng		99
31) Naphthalene	8.06	128	1583195	39.032	ng		99
32) Benzoic acid	7.82	122	254181	36.411	ng		99
33) 4-Chloroaniline	8.10	127	162594	9.130	ng		99
34) Hexachlorobutadiene	8.18	225	315163	35.523	ng		97
35) Caprolactam	8.46	113	165593m	39.551	ng		
36) 4-Chloro-3-methylphenol	8.60	107	501593	40.969	ng		99
37) 2-Methylnaphthalene	8.75	142	1095037	40.216	ng		99
38) 1-Methylnaphthalene	8.85	142	1015234	39.460	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	545446	35.653	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	362639	61.114 ng	99
43) 2,4,6-Trichlorophenol	9.03	196	348838	37.041 ng	98
44) 2,4,5-Trichlorophenol	9.07	196	381042	39.188 ng	98
46) 1,1'-Biphenyl	9.22	154	1347458	36.933 ng	98
47) 2-Chloronaphthalene	9.24	162	1065911	37.782 ng	98
48) 2-Nitroaniline	9.34	65	259253	37.957 ng	87
49) Acenaphthylene	9.66	152	1672991	39.306 ng	100
50) Dimethylphthalate	9.52	163	1637112	48.745 ng	99
51) 2,6-Dinitrotoluene	9.58	165	293411	40.062 ng	97
52) Acenaphthene	9.83	154	961147	37.226 ng	99
53) 3-Nitroaniline	9.75	138	112591	13.416 ng	98
54) 2,4-Dinitrophenol	9.86	184	205678	84.159 ng	98
55) Dibenzofuran	10.00	168	1509651	39.115 ng	99
56) 4-Nitrophenol	9.93	139	410761	76.666 ng	94
57) 2,4-Dinitrotoluene	9.99	165	386944	39.846 ng	97
58) Fluorene	10.35	166	1141583	41.501 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	328477	39.963 ng	96
60) Diethylphthalate	10.23	149	1220308	38.276 ng	98
61) 4-Chlorophenyl-phenylether	10.35	204	591722	40.003 ng	99
62) 4-Nitroaniline	10.37	138	294847	36.531 ng	98
63) Azobenzene	10.50	77	1031737	42.151 ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	172519	42.671 ng	99
66) n-Nitrosodiphenylamine	10.46	169	1061881	39.976 ng	97
67) 4-Bromophenyl-phenylether	10.84	248	384409	37.443 ng	97
68) Hexachlorobenzene	10.91	284	414735	35.549 ng	97
69) Atrazine	11.00	200	335830	38.526 ng	99
70) Pentachlorophenol	11.11	266	363806	77.640 ng	98
71) Phenanthrene	11.32	178	1790853	39.098 ng	99
72) Anthracene	11.37	178	1827176	40.232 ng	100
73) Carbazole	11.53	167	1693023	40.214 ng	98
74) Di-n-butylphthalate	11.87	149	1973157	38.474 ng	100
75) Fluoranthene	12.52	202	2017359	39.215 ng	98
77) Benzidine	12.65	184	752537	35.267 ng	98
78) Pyrene	12.76	202	2049551	40.327 ng	99
80) Butylbenzylphthalate	13.39	149	863742	39.001 ng	100
81) Benzo(a)anthracene	13.96	228	1731286	38.507 ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	388835	21.773 ng	98
83) Chrysene	14.00	228	1728310	39.165 ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1089581	39.119 ng	98
85) Di-n-octyl phthalate	14.57	149	2047161	40.550 ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	2071349	37.577 ng	100
88) Benzo(b)fluoranthene	15.02	252	1858981	39.279 ng	98
89) Benzo(k)fluoranthene	15.05	252	1764401	39.159 ng	98
90) Benzo(a)pyrene	15.39	252	1782825	40.410 ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1687307	39.433 ng	99
92) Benzo(g,h,i)perylene	17.36	276	1733718	39.874 ng	99

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

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