Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000880.D
Acq On : 18 Oct 2019 17:01
Operator : JU
Sample : K5401-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Manual Integrations APPROVED
mohammad
10/22/2019 1:39:11 AM

Quant Time: Oct 19 07:17:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 16:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	160622	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	571117	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	320936	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	598938	20.00	ng		0.00
76) Chrysene-d12	13.96	240	495658	20.00	ng		0.00
87) Perylene-d12	15.44	264	578593	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	989645	99.04	ng		0.00
7) Phenol-d6	6.39	99	1252972	104.06	ng		0.00
23) Nitrobenzene-d5	7.30	82	697930	74.64	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	414733	121.27	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1493255	75.28	ng		0.00
79) Terphenyl-d14	12.89	244	1701111	69.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	109133	27.350	ng		99
3) Pyridine	3.19	79	270923	24.850	ng		100
4) n-Nitrosodimethylamine	3.12	42	95905	31.261	ng		97
6) Aniline	6.40	93	264370	18.072	ng	#	24
8) 2-Chlorophenol	6.53	128	351077	35.600	ng		99
9) Benzaldehyde	6.29	77	175515	27.983	ng		98
10) Phenol	6.40	94	428012	34.717	ng		87
11) bis(2-Chloroethyl)ether	6.48	93	339658	35.810	ng		100
12) 1,3-Dichlorobenzene	6.68	146	396061	33.131	ng		100
13) 1,4-Dichlorobenzene	6.76	146	405029	33.671	ng		100
14) 1,2-Dichlorobenzene	6.91	146	373608	33.640	ng		99
15) Benzyl Alcohol	6.89	79	272456	35.036	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	270650	30.934	ng		99
17) 2-Methylphenol	7.00	107	283586	34.795	ng		99
18) Hexachloroethane	7.25	117	136866	31.969	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	196415	35.388	ng		97
20) 3+4-Methylphenols	7.16	107	364587	38.230	ng		93
22) Acetophenone	7.15	105	479760	36.355	ng	#	97
24) Nitrobenzene	7.32	77	321321	35.628	ng		100
25) Isophorone	7.56	82	594161	35.801	ng		99
26) 2-Nitrophenol	7.64	139	183650	38.722	ng		99
27) 2,4-Dimethylphenol	7.69	122	306058	42.098	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	398862	35.365	ng		100
29) 2,4-Dichlorophenol	7.89	162	317188	38.586	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	352492	36.512	ng		100
31) Naphthalene	8.05	128	1007306	37.765	ng		100
32) Benzoic acid	7.81	122	149049	32.468	ng		98
33) 4-Chloroaniline	8.10	127	155048	13.239	ng		98
34) Hexachlorobutadiene	8.17	225	212492	36.421	ng		100
35) Caprolactam	8.45	113	98505m	35.777	ng		
36) 4-Chloro-3-methylphenol	8.59	107	311568	38.699	ng		97
37) 2-Methylnaphthalene	8.74	142	694368	38.779	ng		99
38) 1-Methylnaphthalene	8.84	142	647236	38.255	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	369502	36.375	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	118491	33.781	ng		99
43) 2,4,6-Trichlorophenol	9.03	196	226848	36.278	ng		98
44) 2,4,5-Trichlorophenol	9.08	196	243145	37.661	ng		98
46) 1,1'-Biphenyl	9.21	154	873797	36.070	ng		98
47) 2-Chloronaphthalene	9.23	162	675305	36.050	ng		97
48) 2-Nitroaniline	9.33	65	155310	34.246	ng		97
49) Acenaphthylene	9.65	152	1072945	37.965	ng		99
50) Dimethylphthalate	9.51	163	1072616	48.099	ng		100
51) 2,6-Dinitrotoluene	9.58	165	183349	37.703	ng		89
52) Acenaphthene	9.82	154	617061	35.994	ng		99
53) 3-Nitroaniline	9.74	138	90698	16.277	ng		100
54) 2,4-Dinitrophenol	9.86	184	91146	56.168	ng		92
55) Dibenzofuran	10.00	168	971806	37.922	ng		98
56) 4-Nitrophenol	9.92	139	221556	62.278	ng		99
57) 2,4-Dinitrotoluene	9.99	165	239385	37.126	ng		94
58) Fluorene	10.34	166	755939	41.389	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	204073	37.392	ng		96
60) Diethylphthalate	10.22	149	777011	36.705	ng		98
61) 4-Chlorophenyl-phenylether	10.33	204	390261	39.735	ng		95
62) 4-Nitroaniline	10.36	138	169120	31.557	ng		99
63) Azobenzene	10.50	77	621726	38.254	ng		95
65) 4,6-Dinitro-2-methylphenol	10.40	198	85549	32.221	ng		91
66) n-Nitrosodiphenylamine	10.45	169	670397	38.431	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	254112	37.691	ng		95
68) Hexachlorobenzene	10.90	284	275958	36.019	ng	#	91
69) Atrazine	10.99	200	211748	36.989	ng		98
70) Pentachlorophenol	11.10	266	204734	66.532	ng		99
71) Phenanthrene	11.31	178	1202310	39.970	ng		100
72) Anthracene	11.36	178	1169678	39.218	ng		99
73) Carbazole	11.52	167	1046049	37.835	ng		100
74) Di-n-butylphthalate	11.86	149	1262739	37.492	ng		100
75) Fluoranthene	12.52	202	1449124	42.894	ng		99
77) Benzidine	12.64	184	590499	41.141	ng		99
78) Pyrene	12.75	202	1437988	42.064	ng		99
80) Butylbenzylphthalate	13.37	149	542144	36.394	ng		99
81) Benzo(a)anthracene	13.96	228	1184914	39.181	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	358355	29.832	ng		98
83) Chrysene	13.99	228	1147542	38.660	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	729431	38.934	ng	#	98
85) Di-n-octyl phthalate	14.57	149	1300852	38.308	ng		99
86) Indeno(1,2,3-cd)pyrene	16.92	276	1432041	38.623	ng		100
88) Benzo(b)fluoranthene	15.02	252	1276324	38.883	ng		99
89) Benzo(k)fluoranthene	15.05	252	1159469	37.102	ng		100
90) Benzo(a)pyrene	15.38	252	1200416	39.230	ng		100
91) Dibenzo(a,h)anthracene	16.93	278	1164358	39.234	ng		98
92) Benzo(g,h,i)perylene	17.36	276	1204322	39.936	ng		98

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

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