Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
Data File : BM020573.D
Acq On : 28 May 2019 10:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/29/2019 6:16:08 PM

Quant Time: May 28 13:20:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	67510	20.00	ng	-0.01
21) Naphthalene-d8	10.45	136	251339	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	173408	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	438542	20.00	ng	0.00
76) Chrysene-d12	21.26	240	438666	20.00	ng	-0.01
87) Perylene-d12	23.50	264	450395	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	268139	77.92	ng	-0.01
7) Phenol-d6	6.83	99	396895	76.41	ng	-0.01
23) Nitrobenzene-d5	8.83	82	482722	80.61	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	254636	73.29	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	1107699	80.15	ng	0.00
79) Terphenyl-d14	19.70	244	2197679	90.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	74001	41.095	ng	97
3) Pyridine	3.57	79	208734	39.365	ng	99
4) n-Nitrosodimethylamine	3.49	42	54492	42.671	ng	95
6) Aniline	6.99	93	281275	37.437	ng	98
8) 2-Chlorophenol	7.22	128	164613	39.120	ng	98
9) Benzaldehyde	6.81	77	129737	39.125	ng	99
10) Phenol	6.86	94	217142	38.716	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	155724	37.206	ng	98
12) 1,3-Dichlorobenzene	7.53	146	212466	39.427	ng	98
13) 1,4-Dichlorobenzene	7.69	146	208920	38.786	ng	98
14) 1,2-Dichlorobenzene	8.00	146	210528	38.986	ng	98
15) Benzyl Alcohol	7.91	79	168875	35.137	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	112159	38.448	ng	97
17) 2-Methylphenol	8.10	107	132665	35.828	ng	98
18) Hexachloroethane	8.71	117	88325	40.479	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	168769	36.594	ng	98
20) 3+4-Methylphenols	8.43	107	176473	35.538	ng	98
22) Acetophenone	8.49	105	273334	39.493	ng	98
24) Nitrobenzene	8.87	77	235529	39.827	ng	97
25) Isophorone	9.38	82	442040	39.672	ng	100
26) 2-Nitrophenol	9.57	139	82529	37.821	ng	97
27) 2,4-Dimethylphenol	9.63	122	124100	38.178	ng	96
28) bis(2-Chloroethoxy)methane	9.87	93	221865	38.251	ng	99
29) 2,4-Dichlorophenol	10.10	162	166394	38.488	ng	97
30) 1,2,4-Trichlorobenzene	10.30	180	238409	40.331	ng	99
31) Naphthalene	10.49	128	515161	39.696	ng	99
32) Benzoic acid	9.79	122	64042m	33.407	ng	
33) 4-Chloroaniline	10.63	127	183146	35.358	ng	99
34) Hexachlorobutadiene	10.75	225	188120	42.804	ng	98
35) Caprolactam	11.44	113	50727m	35.651	ng	
36) 4-Chloro-3-methylphenol	11.75	107	169960	36.126	ng	99
37) 2-Methylnaphthalene	12.12	142	371760	37.497	ng	100
38) 1-Methylnaphthalene	12.33	142	363166	37.806	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	300523	41.226	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	139196	43.222	ng		97
43) 2,4,6-Trichlorophenol	12.74	196	176154	39.049	ng		100
44) 2,4,5-Trichlorophenol	12.82	196	155838	36.993	ng		99
46) 1,1'-Biphenyl	13.14	154	526717	39.439	ng		100
47) 2-Chloronaphthalene	13.19	162	450055	39.752	ng		99
48) 2-Nitroaniline	13.42	65	121799	35.879	ng		92
49) Acenaphthylene	14.03	152	666591	38.717	ng		99
50) Dimethylphthalate	13.78	163	590009	38.413	ng		100
51) 2,6-Dinitrotoluene	13.92	165	121691	38.013	ng		97
52) Acenaphthene	14.37	154	399744	38.528	ng		100
53) 3-Nitroaniline	14.26	138	92063	34.102	ng		95
54) 2,4-Dinitrophenol	14.47	184	60131	35.827	ng		98
55) Dibenzofuran	14.72	168	687014	38.265	ng		99
56) 4-Nitrophenol	14.58	139	61659	34.838	ng		100
57) 2,4-Dinitrotoluene	14.71	165	167841	36.306	ng	#	89
58) Fluorene	15.37	166	561512	37.649	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	182086	37.147	ng		98
60) Diethylphthalate	15.14	149	579464	38.291	ng		100
61) 4-Chlorophenyl-phenylether	15.36	204	365907	38.430	ng		99
62) 4-Nitroaniline	15.43	138	87383m	32.473	ng		
63) Azobenzene	15.66	77	572431	38.873	ng		99
65) 4,6-Dinitro-2-methylphenol	15.47	198	96252	36.409	ng		96
66) n-Nitrosodiphenylamine	15.59	169	483095	40.627	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	239007	40.911	ng		98
68) Hexachlorobenzene	16.36	284	290778	41.051	ng		98
69) Atrazine	16.54	200	202866	41.466	ng		99
70) Pentachlorophenol	16.72	266	142458	38.936	ng		99
71) Phenanthrene	17.11	178	933853	39.198	ng		99
72) Anthracene	17.20	178	879110	38.050	ng		100
73) Carbazole	17.49	167	719921	36.309	ng		99
74) Di-n-butylphthalate	18.03	149	970907	39.807	ng		99
75) Fluoranthene	19.13	202	1213746	36.636	ng		99
77) Benzidine	19.34	184	281243	34.887	ng		99
78) Pyrene	19.50	202	1229611	44.649	ng		100
80) Butylbenzylphthalate	20.40	149	418935	43.295	ng		99
81) Benzo(a)anthracene	21.25	228	1190669	39.218	ng		99
82) 3,3'-Dichlorobenzidine	21.19	252	417087	37.638	ng		100
83) Chrysene	21.30	228	1160924	39.572	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	599087	42.479	ng		98
85) Di-n-octyl phthalate	22.04	149	977675	39.877	ng		100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1341870	37.830	ng		99
88) Benzo(b)fluoranthene	22.83	252	1124762	38.155	ng		99
89) Benzo(k)fluoranthene	22.87	252	1147868	40.120	ng		99
90) Benzo(a)pyrene	23.41	252	1062959	39.184	ng		100
91) Dibenzo(a,h)anthracene	25.78	278	1133287	40.812	ng		99
92) Benzo(g,h,i)perylene	26.47	276	1076457	41.819	ng		99

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

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