Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
Data File : BM017936.D
Acq On : 05 Dec 2018 15:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/6/2018 12:20:23 PM

Quant Time: Dec 06 00:21:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	146857	20.00	ng		-0.05
21) Naphthalene-d8	10.33	136	582104	20.00	ng		-0.05
39) Acenaphthene-d10	14.22	164	296266	20.00	ng		-0.05
64) Phenanthrene-d10	16.97	188	598927	20.00	ng		-0.04
76) Chrysene-d12	21.19	240	609882	20.00	ng		-0.03
87) Perylene-d12	23.36	264	637660	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	708724	81.44	ng		-0.05
7) Phenol-d6	6.76	99	895330	73.67	ng		-0.04
23) Nitrobenzene-d5	8.72	82	851345	75.50	ng		-0.05
42) 2,4,6-Tribromophenol	15.72	330	323201	75.92	ng		-0.04
45) 2-Fluorobiphenyl	12.83	172	1854916	81.23	ng		-0.05
79) Terphenyl-d14	19.62	244	2089151	77.64	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	142571	39.339	ng	#	86
3) Pyridine	3.57	79	390149	36.700	ng		86
4) n-Nitrosodimethylamine	3.50	42	141131	30.138	ng	#	78
6) Aniline	6.92	93	542128	35.971	ng		95
8) 2-Chlorophenol	7.14	128	403894	38.783	ng		93
9) Benzaldehyde	6.73	77	262793	29.683	ng		93
10) Phenol	6.79	94	466187	36.545	ng		96
11) bis(2-Chloroethyl)ether	7.01	93	377462	37.482	ng		95
12) 1,3-Dichlorobenzene	7.46	146	465967	39.881	ng		95
13) 1,4-Dichlorobenzene	7.60	146	470076	39.251	ng		99
14) 1,2-Dichlorobenzene	7.91	146	450433	38.788	ng		99
15) Benzyl Alcohol	7.82	79	334533	34.564	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	414400	27.027	ng		91
17) 2-Methylphenol	8.02	107	312369	36.349	ng		96
18) Hexachloroethane	8.62	117	170719	40.446	ng		100
19) n-Nitroso-di-n-propylamine	8.37	70	285730	32.743	ng		91
20) 3+4-Methylphenols	8.35	107	421516	35.303	ng		96
22) Acetophenone	8.39	105	563642	38.796	ng	#	92
24) Nitrobenzene	8.76	77	415676	36.335	ng		97
25) Isophorone	9.29	82	649669	37.304	ng		97
26) 2-Nitrophenol	9.47	139	224827	42.666	ng		93
27) 2,4-Dimethylphenol	9.53	122	301997	39.766	ng		98
28) bis(2-Chloroethoxy)methane	9.77	93	445352	37.757	ng		98
29) 2,4-Dichlorophenol	10.00	162	351756	39.901	ng		96
30) 1,2,4-Trichlorobenzene	10.20	180	405861	39.583	ng		97
31) Naphthalene	10.39	128	1102619	38.526	ng		99
32) Benzoic acid	9.70	122	272449m	39.604	ng		
33) 4-Chloroaniline	10.51	127	460887	36.771	ng		97
34) Hexachlorobutadiene	10.66	225	257291	40.420	ng		99
35) Caprolactam	11.32	113	112236	34.571	ng	#	78
36) 4-Chloro-3-methylphenol	11.65	107	362908	35.655	ng		99
37) 2-Methylnaphthalene	12.01	142	741149	36.640	ng		96
38) 1-Methylnaphthalene	12.23	142	722578	36.432	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	430442	41.202	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	216894	40.178	ng		100
43) 2,4,6-Trichlorophenol	12.64	196	272928	41.708	ng		98
44) 2,4,5-Trichlorophenol	12.71	196	278791	40.350	ng		99
46) 1,1'-Biphenyl	13.04	154	1074985	40.423	ng		98
47) 2-Chloronaphthalene	13.08	162	799744	40.517	ng		99
48) 2-Nitroaniline	13.30	65	222439	36.440	ng		92
49) Acenaphthylene	13.94	152	1168885	39.414	ng		99
50) Dimethylphthalate	13.69	163	899246	37.332	ng		99
51) 2,6-Dinitrotoluene	13.82	165	203821	38.000	ng		92
52) Acenaphthene	14.28	154	703218	38.638	ng		98
53) 3-Nitroaniline	14.14	138	207768	35.579	ng		98
54) 2,4-Dinitrophenol	14.36	184	105660	36.517	ng		95
55) Dibenzofuran	14.62	168	1118847	37.617	ng		97
56) 4-Nitrophenol	14.47	139	164377	36.369	ng		96
57) 2,4-Dinitrotoluene	14.61	165	270422	37.402	ng	#	99
58) Fluorene	15.27	166	839852	36.884	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	233353	36.719	ng		100
60) Diethylphthalate	15.06	149	927449	35.635	ng		100
61) 4-Chlorophenyl-phenylether	15.27	204	477789	36.933	ng		100
62) 4-Nitroaniline	15.32	138	179575	32.629	ng		94
63) Azobenzene	15.57	77	845095	35.125	ng		95
65) 4,6-Dinitro-2-methylphenol	15.38	198	163895	39.502	ng		93
66) n-Nitrosodiphenylamine	15.50	169	790629	41.058	ng		99
67) 4-Bromophenyl-phenylether	16.17	248	293984	41.503	ng		100
68) Hexachlorobenzene	16.28	284	316318	39.612	ng		95
69) Atrazine	16.46	200	265491	37.486	ng		96
70) Pentachlorophenol	16.63	266	221326	39.557	ng		98
71) Phenanthrene	17.02	178	1257840	38.704	ng		99
72) Anthracene	17.11	178	1253579	39.639	ng		99
73) Carbazole	17.39	167	1246203	38.997	ng		98
74) Di-n-butylphthalate	17.96	149	1484050	41.718	ng		99
75) Fluoranthene	19.04	202	1399736	38.066	ng		99
77) Benzidine	19.26	184	162303	8.172	ng		99
78) Pyrene	19.41	202	1447349	38.462	ng		100
80) Butylbenzylphthalate	20.33	149	656554	42.957	ng		99
81) Benzo(a)anthracene	21.17	228	1381047	39.305	ng		99
82) 3,3'-Dichlorobenzidine	21.11	252	532848	39.293	ng		99
83) Chrysene	21.22	228	1319767	38.673	ng		99
84) Bis(2-ethylhexyl)phthalate	21.11	149	962224	42.586	ng		99
85) Di-n-octyl phthalate	21.97	149	1594724	44.078	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.54	276	1602391	58.758	ng		100
88) Benzo(b)fluoranthene	22.71	252	1371783	36.734	ng		99
89) Benzo(k)fluoranthene	22.76	252	1329053	35.212	ng		99
90) Benzo(a)pyrene	23.27	252	1317009	38.679	ng		100
91) Dibenzo(a,h)anthracene	25.54	278	1376544	48.088	ng		99
92) Benzo(g,h,i)perylene	26.20	276	1336443	49.647	ng		98

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

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