Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016543.D
Acq On : 23 Aug 2018 07:14
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 2

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/23/2018 6:39:26 PM

Quant Time: Aug 23 07:53:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	132125	40.00	ng		0.00
21) Naphthalene-d8	10.82	136	531667	40.00	ng		0.00
38) Acenaphthene-d10	14.66	164	431558	40.00	ng		-0.01
63) Phenanthrene-d10	17.40	188	1515046	40.00	ng		0.00
75) Chrysene-d12	21.54	240	2380210	40.00	ng		0.00
86) Perylene-d12	23.83	264	2460526	40.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	456976	135.55	ng		0.00
7) Phenol-d6	7.19	99	638692	143.17	ng		-0.01
23) Nitrobenzene-d5	9.20	82	1007975	173.13	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	1056535	175.16	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	4034963	179.74	ng		0.00
78) Terphenyl-d14	19.99	244	10008400	178.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	136348	73.208	ng	#	100
3) Pyridine	3.80	79	264971	68.379	ng	#	82
4) n-Nitrosodimethylamine	3.72	42	131539	76.196	ng	#	62
6) Aniline	7.35	93	363244	72.765	ng	#	91
8) 2-Chlorophenol	7.57	128	301027	75.041	ng		97
9) Benzaldehyde	7.17	77	238007	76.876	ng	#	78
10) Phenol	7.22	94	310028	70.273	ng		91
11) bis(2-Chloroethyl)ether	7.45	93	233803	70.672	ng		97
12) 1,3-Dichlorobenzene	7.90	146	394464	74.168	ng	#	84
13) 1,4-Dichlorobenzene	8.05	146	401867	73.627	ng		95
14) 1,2-Dichlorobenzene	8.36	146	398915	74.392	ng		97
15) Benzyl Alcohol	8.27	79	294137	71.000	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.55	45	154170	67.678	ng		60
17) 2-Methylphenol	8.47	107	240306	75.218	ng	#	78
18) Hexachloroethane	9.07	117	212912	84.673	ng	#	44
19) n-Nitroso-di-n-propylamine	8.83	70	258304	73.851	ng	#	87
20) 3+4-Methylphenols	8.80	107	321559	72.796	ng	#	82
22) Acetophenone	8.86	105	489714	76.502	ng		99
24) Nitrobenzene	9.25	77	453268	77.918	ng		92
25) Isophorone	9.76	82	600273	77.142	ng	#	92
26) 2-Nitrophenol	9.95	139	190125	76.450	ng	#	41
27) 2,4-Dimethylphenol	10.00	122	237527	73.290	ng	#	76
28) bis(2-Chloroethoxy)methane	10.23	93	351835	75.745	ng		95
29) 2,4-Dichlorophenol	10.49	162	425826	87.790	ng		93
30) 1,2,4-Trichlorobenzene	10.68	180	708853	96.311	ng	#	96
31) Naphthalene	10.87	128	978899	77.289	ng		98
32) Benzoic acid	10.22	122	178071	65.669	ng	#	69
33) 4-Chloroaniline	11.00	127	418011	78.423	ng	#	87
34) Hexachlorobutadiene	11.12	225	732254	104.237	ng		98
35) Caprolactam	11.83	113	86810	74.586	ng	#	58
36) 4-Chloro-3-methylphenol	12.13	107	369115	79.157	ng		91
37) 2-Methylnaphthalene	12.47	142	801560	80.842	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1074809	88.196	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	420388	92.946	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	647767	88.888	ng		100
43) 2,4,5-Trichlorophenol	13.18	196	614985m	86.392	ng		
45) 1,1'-Biphenyl	13.49	154	1369362	72.374	ng		97
46) 2-Chloronaphthalene	13.54	162	1155145	75.148	ng		97
47) 2-Nitroaniline	13.77	65	283962	69.355	ng		85
48) Acenaphthylene	14.38	152	1606680	74.047	ng		97
49) Dimethylphthalate	14.12	163	1620058	78.148	ng	#	98
50) 2,6-Dinitrotoluene	14.26	165	324027	80.136	ng	#	78
51) Acenaphthene	14.72	154	1000943	75.087	ng		97
52) 3-Nitroaniline	14.60	138	250460	68.075	ng	#	70
53) 2,4-Dinitrophenol	14.83	184	143384	70.859	ng	#	68
54) Dibenzofuran	15.06	168	2131556	83.530	ng		96
55) 4-Nitrophenol	14.92	139	160520	68.405	ng	#	81
56) 2,4-Dinitrotoluene	15.06	165	540669	80.188	ng		98
57) Fluorene	15.70	166	1598801	82.936	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.29	232	634454	92.731	ng	#	100
59) Diethylphthalate	15.47	149	1603152	74.167	ng		94
60) 4-Chlorophenyl-phenylether	15.69	204	1461521	90.405	ng	#	85
61) 4-Nitroaniline	15.77	138	258939	72.014	ng	#	1
62) Azobenzene	15.99	77	1805186	78.408	ng		90
64) 4,6-Dinitro-2-methylphenol	15.83	198	393033	68.284	ng	#	57
65) n-Nitrosodiphenylamine	15.92	169	1516405	71.157	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	912677	78.411	ng		97
67) Hexachlorobenzene	16.70	284	1057600	77.914	ng		96
68) Atrazine	16.86	200	790325	81.262	ng		90
69) Pentachlorophenol	17.06	266	548994	76.440	ng		98
70) Phenanthrene	17.44	178	2898295	74.025	ng		99
71) Anthracene	17.53	178	2892378	74.395	ng		99
72) Carbazole	17.81	167	2473480	70.793	ng		98
73) Di-n-butylphthalate	18.33	149	2903368	68.160	ng	#	97
74) Fluoranthene	19.44	202	4523289	78.793	ng		94
76) Benzidine	19.63	184	1691839	73.921	ng		99
77) Pyrene	19.80	202	4889941	75.605	ng		99
79) Butylbenzylphthalate	20.67	149	1485759	66.551	ng	#	77
80) Benzo(a)anthracene	21.53	228	5344500	76.385	ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	2315223	74.337	ng	#	95
82) Chrysene	21.58	228	5034456	75.413	ng		99
83) Bis(2-ethylhexyl)phthalate	21.42	149	2190576	66.003	ng	#	96
84) Di-n-octyl phthalate	22.30	149	3695037	66.995	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.15	276	6831790	71.160	ng	#	92
87) Benzo(b)fluoranthene	23.14	252	5761865	81.246	ng	#	90
88) Benzo(k)fluoranthene	23.19	252	5492236	76.113	ng	#	93
89) Benzo(a)pyrene	23.73	252	5349366	77.522	ng	#	94
90) Dibenzo(a,h)anthracene	26.14	278	5774993	74.675	ng	#	87
91) Benzo(g,h,i)perylene	26.86	276	5090505	73.330	ng	#	80

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

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