Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020420\
Data File : BM024709.D
Acq On : 04 Feb 2020 16:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
2/10/2020 8:10:03 AM

Quant Time: Feb 05 03:58:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	264514	20.00	ng		-0.02
21) Naphthalene-d8	10.18	136	950887	20.00	ng		-0.02
39) Acenaphthene-d10	14.07	164	637092	20.00	ng		-0.02
64) Phenanthrene-d10	16.83	188	1452130	20.00	ng		-0.02
76) Chrysene-d12	21.04	240	1588599	20.00	ng		-0.01
87) Perylene-d12	23.16	264	1938081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	1167642	83.95	ng		-0.02
7) Phenol-d6	6.62	99	1484468	77.48	ng		-0.02
23) Nitrobenzene-d5	8.56	82	1441821	74.36	ng		-0.02
42) 2,4,6-Tribromophenol	15.57	330	910052	87.82	ng		-0.02
45) 2-Fluorobiphenyl	12.69	172	3897562	83.17	ng		-0.02
79) Terphenyl-d14	19.49	244	7106290	83.51	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	214350	38.959	ng		91
3) Pyridine	3.43	79	620188	38.884	ng		95
4) n-Nitrosodimethylamine	3.35	42	227662	32.157	ng		79
6) Aniline	6.76	93	878822	37.677	ng		95
8) 2-Chlorophenol	7.00	128	649459	41.018	ng		93
9) Benzaldehyde	6.57	77	401168	35.435	ng		89
10) Phenol	6.65	94	735090	38.487	ng		93
11) bis(2-Chloroethyl)ether	6.86	93	574475	37.572	ng		97
12) 1,3-Dichlorobenzene	7.31	146	831720	42.758	ng		96
13) 1,4-Dichlorobenzene	7.46	146	837912	42.461	ng		97
14) 1,2-Dichlorobenzene	7.77	146	796670	41.824	ng		97
15) Benzyl Alcohol	7.66	79	554353	35.091	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.96	45	475386	33.962	ng		98
17) 2-Methylphenol	7.87	107	514410	38.220	ng		94
18) Hexachloroethane	8.48	117	298179	39.130	ng		96
19) n-Nitroso-di-n-propylamine	8.23	70	456765m	31.751	ng		
20) 3+4-Methylphenols	8.20	107	692952	37.193	ng		96
22) Acetophenone	8.23	105	963969	39.315	ng		96
24) Nitrobenzene	8.60	77	695910	37.453	ng		92
25) Isophorone	9.13	82	1203566	36.532	ng		97
26) 2-Nitrophenol	9.31	139	383040	44.520	ng	#	87
27) 2,4-Dimethylphenol	9.39	122	486953	41.650	ng		94
28) bis(2-Chloroethoxy)methane	9.62	93	778943	38.704	ng		99
29) 2,4-Dichlorophenol	9.84	162	695328	44.020	ng		98
30) 1,2,4-Trichlorobenzene	10.05	180	845699	44.392	ng		99
31) Naphthalene	10.23	128	1998601	41.614	ng		100
32) Benzoic acid	9.55	122	487567m	45.588	ng		
33) 4-Chloroaniline	10.35	127	866887	41.179	ng		96
34) Hexachlorobutadiene	10.53	225	577231	43.831	ng		99
35) Caprolactam	11.13	113	203509m	40.158	ng		
36) 4-Chloro-3-methylphenol	11.49	107	641897	38.217	ng		93
37) 2-Methylnaphthalene	11.86	142	1496370	40.374	ng		98
38) 1-Methylnaphthalene	12.08	142	1415473	40.149	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	977322	42.982	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	472932	37.107	ng		99
43) 2,4,6-Trichlorophenol	12.49	196	633982	43.815	ng		99
44) 2,4,5-Trichlorophenol	12.56	196	646595	43.756	ng	#	94
46) 1,1'-Biphenyl	12.90	154	2011100	41.712	ng		99
47) 2-Chloronaphthalene	12.93	162	1654522	42.507	ng		97
48) 2-Nitroaniline	13.14	65	417230	35.146	ng	#	82
49) Acenaphthylene	13.79	152	2427786	41.666	ng		100
50) Dimethylphthalate	13.55	163	2059395	39.975	ng		99
51) 2,6-Dinitrotoluene	13.66	165	454726	41.517	ng	#	83
52) Acenaphthene	14.14	154	1484989	41.071	ng		99
53) 3-Nitroaniline	13.99	138	472553	41.598	ng		91
54) 2,4-Dinitrophenol	14.20	184	290528	44.357	ng	#	84
55) Dibenzofuran	14.48	168	2422769	41.087	ng		96
56) 4-Nitrophenol	14.32	139	380450	42.844	ng		84
57) 2,4-Dinitrotoluene	14.46	165	643732	41.009	ng	#	85
58) Fluorene	15.13	166	1973352	39.822	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	629292	41.993	ng	#	94
60) Diethylphthalate	14.93	149	1990547	38.059	ng		98
61) 4-Chlorophenyl-phenylether	15.14	204	1113384	38.971	ng		98
62) 4-Nitroaniline	15.16	138	517577	41.276	ng		87
63) Azobenzene	15.43	77	1518397	34.035	ng		92
65) 4,6-Dinitro-2-methylphenol	15.23	198	382014	44.742	ng		86
66) n-Nitrosodiphenylamine	15.36	169	1747833	41.902	ng		98
67) 4-Bromophenyl-phenylether	16.03	248	748805	41.466	ng		95
68) Hexachlorobenzene	16.14	284	895444	43.210	ng		97
69) Atrazine	16.32	200	597922	37.344	ng		99
70) Pentachlorophenol	16.49	266	555675	44.022	ng		99
71) Phenanthrene	16.87	178	3246882	41.290	ng		99
72) Anthracene	16.96	178	3219588	41.844	ng		99
73) Carbazole	17.23	167	2979580	42.539	ng		99
74) Di-n-butylphthalate	17.83	149	3466250	38.710	ng		99
75) Fluoranthene	18.90	202	4198029	42.774	ng		99
77) Benzidine	19.10	184	1472046	39.789	ng		99
78) Pyrene	19.26	202	4314487	41.198	ng		100
80) Butylbenzylphthalate	20.20	149	1706162	38.825	ng		92
81) Benzo(a)anthracene	21.03	228	4625384	41.951	ng		99
82) 3,3'-Dichlorobenzidine	20.97	252	1909399	48.141	ng		99
83) Chrysene	21.08	228	4425973	42.068	ng		100
84) Bis(2-ethylhexyl)phthalate	21.00	149	2419915	37.321	ng	#	97
85) Di-n-octyl phthalate	21.85	149	4269628	39.857	ng		97
86) Indeno(1,2,3-cd)pyrene	25.23	276	5924970	51.669	ng		99
88) Benzo(b)fluoranthene	22.54	252	5025433	39.980	ng		99
89) Benzo(k)fluoranthene	22.58	252	4874714	39.730	ng		99
90) Benzo(a)pyrene	23.07	252	4747534	41.542	ng		100
91) Dibenzo(a,h)anthracene	25.24	278	4925273	45.407	ng		99
92) Benzo(g,h,i)perylene	25.86	276	4763259	48.362	ng		98

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

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