Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
Data File : BG041852.D
Acq On : 1 Aug 2019 3:09
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
8/1/2019 5:10:21 PM

Quant Time: Aug 01 04:17:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	19865	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	122185	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	163286	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	731520	20.00	ng		0.00
76) Chrysene-d12	21.74	240	1049703	20.00	ng		0.00
87) Perylene-d12	25.01	264	1150654	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	92017	90.12	ng		0.00
7) Phenol-d6	7.19	99	169471	123.12	ng		0.00
23) Nitrobenzene-d5	9.20	82	151156	85.13	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	288883	155.76	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	562414	60.75	ng		-0.01
79) Terphenyl-d14	20.07	244	2998368	65.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	16613	34.570	ng		87
3) Pyridine	3.87	79	61463	46.640	ng		90
4) n-Nitrosodimethylamine	3.78	42	24323	46.559	ng	#	94
6) Aniline	7.35	93	109640	56.567	ng		94
8) 2-Chlorophenol	7.60	128	59971	51.295	ng		92
9) Benzaldehyde	7.17	77	46433	47.940	ng		91
10) Phenol	7.21	94	87575	61.155	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	51082	43.390	ng		89
12) 1,3-Dichlorobenzene	7.93	146	59908	39.260	ng		99
13) 1,4-Dichlorobenzene	8.08	146	60240	39.454	ng		96
14) 1,2-Dichlorobenzene	8.40	146	63160	43.351	ng		90
15) Benzyl Alcohol	8.28	79	63032	58.206	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	83072	39.662	ng		98
17) 2-Methylphenol	8.48	107	61174	58.739	ng		94
18) Hexachloroethane	9.14	117	18758	35.875	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	54880	54.916	ng		89
20) 3+4-Methylphenols	8.81	107	91786	64.403	ng		99
22) Acetophenone	8.86	105	108627	39.747	ng	#	93
24) Nitrobenzene	9.25	77	79329	42.410	ng		96
25) Isophorone	9.77	82	176927	45.808	ng		99
26) 2-Nitrophenol	9.97	139	44168	50.877	ng		95
27) 2,4-Dimethylphenol	10.02	122	66811	43.605	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	86958	36.028	ng		99
29) 2,4-Dichlorophenol	10.50	162	94788	50.801	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	86396	36.514	ng		98
31) Naphthalene	10.91	128	231379	41.376	ng		96
32) Benzoic acid	10.11	122	6136m	13.315	ng		
33) 4-Chloroaniline	11.01	127	146373	55.195	ng		95
34) Hexachlorobutadiene	11.21	225	45764	28.658	ng		99
35) Caprolactam	11.78	113	99310	153.151	ng	#	81
36) 4-Chloro-3-methylphenol	12.14	107	135835	73.430	ng		97
37) 2-Methylnaphthalene	12.52	142	213404	48.213	ng		99
38) 1-Methylnaphthalene	12.74	142	214603	51.161	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	139611	27.011	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	52151	17.946	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	137793	42.180	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	166239	48.968	ng		96
46) 1,1'-Biphenyl	13.53	154	322235	30.699	ng		94
47) 2-Chloronaphthalene	13.58	162	291031	32.566	ng		96
48) 2-Nitroaniline	13.77	65	132428	58.428	ng		89
49) Acenaphthylene	14.42	152	546314	40.868	ng		95
50) Dimethylphthalate	14.15	163	588482	52.771	ng		99
51) 2,6-Dinitrotoluene	14.26	165	140554	60.276	ng		87
52) Acenaphthene	14.76	154	343234	39.478	ng		99
53) 3-Nitroaniline	14.59	138	187098	75.000	ng	#	92
54) 2,4-Dinitrophenol	14.80	184	20514	21.652	ng	#	89
55) Dibenzofuran	15.10	168	614313	46.194	ng		96
56) 4-Nitrophenol	14.90	139	177115	93.533	ng		91
57) 2,4-Dinitrotoluene	15.05	165	270169	84.249	ng		91
58) Fluorene	15.75	166	572485	53.643	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	249172	74.108	ng	#	92
60) Diethylphthalate	15.51	149	694594	63.443	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	308058	47.283	ng		96
62) 4-Nitroaniline	15.76	138	278908	103.220	ng		98
63) Azobenzene	16.03	77	479034	53.562	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	66742	22.832	ng		89
66) n-Nitrosodiphenylamine	15.96	169	606205	30.423	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	263373	29.228	ng		98
68) Hexachlorobenzene	16.76	284	319341	33.875	ng		95
69) Atrazine	16.91	200	371518	47.454	ng		98
70) Pentachlorophenol	17.10	266	139451	26.040	ng		99
71) Phenanthrene	17.49	178	1403361	40.023	ng		97
72) Anthracene	17.58	178	1423638	40.710	ng		97
73) Carbazole	17.85	167	1603081	51.074	ng		98
74) Di-n-butylphthalate	18.42	149	1802469	50.655	ng		99
75) Fluoranthene	19.50	202	2309017	54.176	ng		98
77) Benzidine	19.68	184	1274825	37.208	ng		99
78) Pyrene	19.87	202	2390159	38.431	ng		98
80) Butylbenzylphthalate	20.76	149	1081056	45.337	ng	#	91
81) Benzo(a)anthracene	21.72	228	2404753	38.721	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	980682	39.330	ng		98
83) Chrysene	21.79	228	2247928	37.760	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	1379177	41.930	ng		98
85) Di-n-octyl phthalate	22.87	149	2164733	39.106	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2932467	37.211	ng	#	90
88) Benzo(b)fluoranthene	23.98	252	2499389	39.707	ng		98
89) Benzo(k)fluoranthene	24.05	252	2317725	37.800	ng		98
90) Benzo(a)pyrene	24.86	252	2366113	39.194	ng		98
91) Dibenzo(a,h)anthracene	28.83	278	2326253	39.243	ng	#	96
92) Benzo(g,h,i)perylene	29.93	276	2366331	39.956	ng	#	94

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

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