Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045911.D
Acq On : 2 Jul 2020 12:37
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
7/7/2020 8:19:35 AM

Quant Time: Jul 02 14:13:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	59471	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	219352	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	157016	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	366854	20.00	ng	0.00
76) Chrysene-d12	21.52	240	345526	20.00	ng	0.00
86) Perylene-d12	24.60	264	359543	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	264465	75.12	ng	0.00
7) Phenol-d6	7.08	99	405080	75.64	ng	0.00
23) Nitrobenzene-d5	9.02	82	378621	78.85	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	174037	73.42	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	817625	76.52	ng	0.00
79) Terphenyl-d14	19.89	244	1346717	78.99	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	58705	36.407	ng	100
3) Pyridine	3.69	79	176092	36.853	ng	100
4) n-Nitrosodimethylamine	3.61	42	62900	39.218	ng	100
6) Aniline	7.19	93	236232	37.465	ng	100
8) 2-Chlorophenol	7.44	128	141525	37.556	ng	100
9) Benzaldehyde	6.99	77	113339	35.237	ng	100
10) Phenol	7.10	94	193580	37.308	ng	100
11) bis(2-Chloroethyl)ether	7.28	93	147315	37.379	ng	100
12) 1,3-Dichlorobenzene	7.75	146	165806	36.921	ng	100
13) 1,4-Dichlorobenzene	7.89	146	167334	37.304	ng	100
14) 1,2-Dichlorobenzene	8.21	146	159832	37.220	ng	100
15) Benzyl Alcohol	8.11	79	160153	38.646	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.39	45	139854	37.652	ng	100
17) 2-Methylphenol	8.34	107	144629	37.454	ng	100
18) Hexachloroethane	8.94	117	64507	37.864	ng	100
19) n-Nitroso-di-n-propylamine	8.67	70	132267	37.569	ng	100
20) 3+4-Methylphenols	8.67	107	193658	38.133	ng	100
22) Acetophenone	8.69	105	230069	38.214	ng	100
24) Nitrobenzene	9.06	77	197051	38.489	ng	100
25) Isophorone	9.59	82	362376	38.984	ng	100
26) 2-Nitrophenol	9.78	139	85659	40.161	ng	100
27) 2,4-Dimethylphenol	9.87	122	124594	38.261	ng	100
28) bis(2-Chloroethoxy)methane	10.07	93	189044	38.934	ng	100
29) 2,4-Dichlorophenol	10.34	162	148887	39.188	ng	100
30) 1,2,4-Trichlorobenzene	10.53	180	175701	39.064	ng	100
31) Naphthalene	10.71	128	464346	38.720	ng	100
32) Benzoic acid	10.06	122	77801	38.927	ng	100
33) 4-Chloroaniline	10.84	127	199041	39.634	ng	100
34) Hexachlorobutadiene	11.01	225	127058	39.721	ng	100
35) Caprolactam	11.61	113	52578	42.766	ng	100
36) 4-Chloro-3-methylphenol	12.00	107	174078	39.683	ng	100
37) 2-Methylnaphthalene	12.33	142	347834	38.951	ng	100
38) 1-Methylnaphthalene	12.55	142	328382	38.859	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	201348	38.944	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	87278	35.764 ng	100
43) 2,4,6-Trichlorophenol	12.96	196	132373	37.763 ng	100
44) 2,4,5-Trichlorophenol	13.05	196	146363	36.635 ng	100
46) 1,1'-Biphenyl	13.34	154	427881	38.063 ng	100
47) 2-Chloronaphthalene	13.38	162	345915	38.094 ng	100
48) 2-Nitroaniline	13.60	65	119635	39.607 ng	100
49) Acenaphthylene	14.24	152	556757	38.278 ng	100
50) Dimethylphthalate	13.97	163	472634	38.424 ng	100
51) 2,6-Dinitrotoluene	14.10	165	108360	39.222 ng	100
52) Acenaphthene	14.58	154	333178	37.791 ng	100
53) 3-Nitroaniline	14.43	138	109867	39.813 ng	100
54) 2,4-Dinitrophenol	14.65	184	52970	40.063 ng	100
55) Dibenzofuran	14.92	168	542699	37.892 ng	100
56) 4-Nitrophenol	14.79	139	64205	34.835 ng	100
57) 2,4-Dinitrotoluene	14.89	165	155315	39.237 ng	100
58) Fluorene	15.56	166	462605	38.844 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	118628	34.211 ng	100
60) Diethylphthalate	15.34	149	487233	38.748 ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	262336	38.219 ng	100
62) 4-Nitroaniline	15.60	138	114989	40.602 ng	100
63) Azobenzene	15.85	77	470911	39.002 ng	100
65) 4,6-Dinitro-2-methylphenol	15.66	198	77096	34.006 ng	100
66) n-Nitrosodiphenylamine	15.78	169	398167	38.319 ng	100
67) 4-Bromophenyl-phenylether	16.46	248	184162	38.634 ng	100
68) Hexachlorobenzene	16.58	284	190887	38.618 ng	100
69) Atrazine	16.73	200	144895	35.936 ng	100
70) Pentachlorophenol	16.94	266	65957m	32.108 ng	
71) Phenanthrene	17.31	178	725085	38.323 ng	100
72) Anthracene	17.40	178	727295	38.602 ng	100
73) Carbazole	17.67	167	705310	39.316 ng	100
74) Di-n-butylphthalate	18.23	149	832581	39.196 ng	100
75) Fluoranthene	19.32	202	903462	38.833 ng	100
77) Benzidine	19.51	184	376152	41.875 ng	100
78) Pyrene	19.68	202	914022	39.504 ng	100
80) Butylbenzylphthalate	20.58	149	388294	40.093 ng	100
81) Benzo(a)anthracene	21.50	228	884415	39.480 ng	100
82) 3,3'-Dichlorobenzidine	21.42	252	324038	38.241 ng	100
83) Chrysene	21.56	228	823637	38.013 ng	100
84) Bis(2-ethylhexyl)phthalate	21.42	149	535526	39.753 ng	100
85) Di-n-octyl phthalate	22.58	149	902308	38.831 ng	100
87) Indeno(1,2,3-cd)pyrene	28.10	276	1053693	40.425 ng	100
88) Benzo(b)fluoranthene	23.62	252	925320	41.047 ng	100
89) Benzo(k)fluoranthene	23.69	252	865582	40.119 ng	100
90) Benzo(a)pyrene	24.46	252	854932	40.598 ng	100
91) Dibenzo(a,h)anthracene	28.15	278	852359	40.779 ng	100
92) Benzo(g,h,i)perylene	29.19	276	857960	41.009 ng	100

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

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