Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045090.D
Acq On : 20 Apr 2020 11:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/21/2020 2:53:32 PM

Quant Time: Apr 20 12:00:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 11:57:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	95250	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	412986	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	334723	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	790531	20.00	ng		0.00
76) Chrysene-d12	21.67	240	678197	20.00	ng		0.00
87) Perylene-d12	24.86	264	751046	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	414726	71.88	ng		0.00
7) Phenol-d6	7.20	99	667398	77.86	ng		0.00
23) Nitrobenzene-d5	9.19	82	683959	75.57	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	395916	76.56	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1637423	71.73	ng		0.00
79) Terphenyl-d14	20.02	244	2454152	78.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	83257	32.471	ng		99
3) Pyridine	3.89	79	273366	34.627	ng		98
4) n-Nitrosodimethylamine	3.80	42	94153	38.932	ng	#	91
6) Aniline	7.35	93	423584	38.006	ng		98
8) 2-Chlorophenol	7.59	128	234906	37.885	ng		99
9) Benzaldehyde	7.16	77	188164	38.532	ng		97
10) Phenol	7.22	94	329152	38.373	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	249098	36.474	ng		99
12) 1,3-Dichlorobenzene	7.92	146	266702	36.502	ng		97
13) 1,4-Dichlorobenzene	8.06	146	265527	36.471	ng		97
14) 1,2-Dichlorobenzene	8.38	146	261717	37.575	ng		95
15) Benzyl Alcohol	8.26	79	291331	40.537	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	239729	35.759	ng		96
17) 2-Methylphenol	8.48	107	261715	39.545	ng		93
18) Hexachloroethane	9.12	117	102063	37.290	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	242429	39.991	ng		99
20) 3+4-Methylphenols	8.81	107	363770	39.269	ng		98
22) Acetophenone	8.85	105	415083	37.167	ng	#	98
24) Nitrobenzene	9.23	77	352977	38.046	ng		97
25) Isophorone	9.76	82	716499	38.656	ng		99
26) 2-Nitrophenol	9.94	139	161028	40.294	ng		95
27) 2,4-Dimethylphenol	10.01	122	240269	37.891	ng		96
28) bis(2-Chloroethoxy)methane	10.24	93	360693	37.037	ng		98
29) 2,4-Dichlorophenol	10.48	162	282466	38.579	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	313402	37.805	ng		96
31) Naphthalene	10.88	128	850905	37.664	ng		98
32) Benzoic acid	10.18	122	198134	39.917	ng		97
33) 4-Chloroaniline	10.99	127	404174	38.360	ng		98
34) Hexachlorobutadiene	11.18	225	216587	38.107	ng		98
35) Caprolactam	11.78	113	112820	38.716	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	344093	40.005	ng		96
37) 2-Methylnaphthalene	12.49	142	681703	38.875	ng		97
38) 1-Methylnaphthalene	12.71	142	636502	38.449	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	379390	35.203	ng		99

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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	12.85	237	320854	47.633 ng	97
43) 2,4,6-Trichlorophenol	13.10	196	286773	37.703 ng	97
44) 2,4,5-Trichlorophenol	13.17	196	320043	36.966 ng	99
46) 1,1'-Biphenyl	13.50	154	914908	35.962 ng	99
47) 2-Chloronaphthalene	13.54	162	704031	36.216 ng	99
48) 2-Nitroaniline	13.74	65	242606	37.931 ng	99
49) Acenaphthylene	14.38	152	1146241	36.199 ng	98
50) Dimethylphthalate	14.11	163	998489	36.636 ng	97
51) 2,6-Dinitrotoluene	14.23	165	230835	37.866 ng	99
52) Acenaphthene	14.73	154	819392m	38.246 ng	
53) 3-Nitroaniline	14.56	138	245760	36.758 ng	99
54) 2,4-Dinitrophenol	14.77	184	183078	50.505 ng	96
55) Dibenzofuran	15.06	168	1127536	36.099 ng	96
56) 4-Nitrophenol	14.88	139	186922	36.057 ng	95
57) 2,4-Dinitrotoluene	15.02	165	329972	37.039 ng	97
58) Fluorene	15.71	166	938296	36.777 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	293329	38.077 ng	98
60) Diethylphthalate	15.48	149	1044929	36.773 ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	555242	37.810 ng	99
62) 4-Nitroaniline	15.73	138	248637	35.854 ng	93
63) Azobenzene	15.99	77	956939	36.527 ng	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	206702	39.779 ng	98
66) n-Nitrosodiphenylamine	15.92	169	843534	37.138 ng	99
67) 4-Bromophenyl-phenylether	16.60	248	387136	37.960 ng	97
68) Hexachlorobenzene	16.72	284	404026	38.198 ng	97
69) Atrazine	16.86	200	293884	34.343 ng	98
70) Pentachlorophenol	17.06	266	227528	35.066 ng	98
71) Phenanthrene	17.45	178	1489804	36.674 ng	98
72) Anthracene	17.55	178	1504276	36.915 ng	99
73) Carbazole	17.81	167	1435510	34.714 ng	99
74) Di-n-butylphthalate	18.37	149	1663189	35.692 ng	98
75) Fluoranthene	19.45	202	1731399	34.873 ng	98
77) Benzidine	19.63	184	743619	36.767 ng	98
78) Pyrene	19.82	202	1741541	37.248 ng	99
80) Butylbenzylphthalate	20.71	149	732467	37.794 ng	97
81) Benzo(a)anthracene	21.65	228	1665335	37.886 ng	99
82) 3,3'-Dichlorobenzidine	21.57	252	679377	38.831 ng	99
83) Chrysene	21.72	228	1568027	37.127 ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	993507	37.273 ng	99
85) Di-n-octyl phthalate	22.78	149	1693391	36.738 ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	2083570	37.157 ng	99
88) Benzo(b)fluoranthene	23.85	252	1737267	36.928 ng	98
89) Benzo(k)fluoranthene	23.92	252	1686789	37.702 ng	99
90) Benzo(a)pyrene	24.72	252	1668944	37.574 ng	99
91) Dibenzo(a,h)anthracene	28.57	278	1697100	37.918 ng	98
92) Benzo(g,h,i)perylene	29.63	276	1669940	37.216 ng	97

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

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