Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044015.D
Acq On : 13 Jan 2020 17:02
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/14/2020 12:24:40 PM

Quant Time: Jan 14 10:21:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	134482	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	548048	20.00	ng	-0.01
39) Acenaphthene-d10	14.58	164	349010	20.00	ng	-0.01
64) Phenanthrene-d10	17.32	188	736180	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	651307	20.00	ng	0.00
87) Perylene-d12	24.74	264	729971	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	617506	84.31	ng	0.00
7) Phenol-d6	7.12	99	809215	79.04	ng	0.00
23) Nitrobenzene-d5	9.11	82	742066	72.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.07	330	306503	83.92	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1545421	80.23	ng	-0.01
79) Terphenyl-d14	19.94	244	2206157	80.52	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	136083	42.612	ng	96
3) Pyridine	3.83	79	386652	40.984	ng	94
4) n-Nitrosodimethylamine	3.74	42	160637	38.244	ng	92
6) Aniline	7.27	93	502350	37.357	ng	99
8) 2-Chlorophenol	7.52	128	335323	38.998	ng	97
9) Benzaldehyde	7.09	77	211473m	32.273	ng	
10) Phenol	7.14	94	409352	38.807	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	338097	37.132	ng	99
12) 1,3-Dichlorobenzene	7.84	146	398102	39.565	ng	99
13) 1,4-Dichlorobenzene	7.99	146	391375	39.421	ng	99
14) 1,2-Dichlorobenzene	8.31	146	372543	39.094	ng	99
15) Benzyl Alcohol	8.18	79	292688	36.224	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	483244	34.304	ng	100
17) 2-Methylphenol	8.40	107	287709	37.691	ng	98
18) Hexachloroethane	9.04	117	151826	39.302	ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	263623	34.576	ng	97
20) 3+4-Methylphenols	8.73	107	399734	37.538	ng	99
22) Acetophenone	8.77	105	512740	37.632	ng	99
24) Nitrobenzene	9.15	77	370476	36.512	ng	98
25) Isophorone	9.67	82	695971	36.211	ng	100
26) 2-Nitrophenol	9.86	139	197641	41.171	ng	98
27) 2,4-Dimethylphenol	9.92	122	268477	37.153	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	464360	36.240	ng	100
29) 2,4-Dichlorophenol	10.40	162	333632	38.706	ng	95
30) 1,2,4-Trichlorobenzene	10.62	180	374261	38.725	ng	98
31) Naphthalene	10.80	128	1031393	38.890	ng	99
32) Benzoic acid	10.06	122	194218	34.960	ng	96
33) 4-Chloroaniline	10.91	127	474925	37.545	ng	99
34) Hexachlorobutadiene	11.10	225	224747	38.087	ng	98
35) Caprolactam	11.68	113	120015	37.402	ng	86
36) 4-Chloro-3-methylphenol	12.03	107	345544	37.657	ng	99
37) 2-Methylnaphthalene	12.41	142	758992	38.013	ng	98
38) 1-Methylnaphthalene	12.63	142	716556	37.866	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	385774	37.712	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	197609	37.261	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	270744	38.465	ng		99
44) 2,4,5-Trichlorophenol	13.09	196	281406	38.763	ng		98
46) 1,1'-Biphenyl	13.41	154	960658	38.390	ng		99
47) 2-Chloronaphthalene	13.46	162	777173	38.435	ng		99
48) 2-Nitroaniline	13.65	65	240013	36.900	ng		95
49) Acenaphthylene	14.30	152	1138075	39.159	ng		98
50) Dimethylphthalate	14.04	163	957051	38.620	ng		99
51) 2,6-Dinitrotoluene	14.15	165	214239	38.249	ng		96
52) Acenaphthene	14.65	154	789496	38.736	ng		98
53) 3-Nitroaniline	14.48	138	251300	39.509	ng		96
54) 2,4-Dinitrophenol	14.68	184	116377	43.472	ng		97
55) Dibenzofuran	14.98	168	1108057	39.492	ng		98
56) 4-Nitrophenol	14.79	139	192094	39.411	ng		91
57) 2,4-Dinitrotoluene	14.94	165	305441	40.077	ng		99
58) Fluorene	15.63	166	866235	38.952	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	243761	39.049	ng		96
60) Diethylphthalate	15.41	149	964243	38.903	ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	460973	38.175	ng		97
62) 4-Nitroaniline	15.64	138	245942	39.156	ng		95
63) Azobenzene	15.92	77	856784	37.274	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	161018	42.959	ng		93
66) n-Nitrosodiphenylamine	15.83	169	807401	37.243	ng		98
67) 4-Bromophenyl-phenylether	16.52	248	302477	36.532	ng		98
68) Hexachlorobenzene	16.64	284	334310	37.472	ng		95
69) Atrazine	16.79	200	255967	36.323	ng		100
70) Pentachlorophenol	16.97	266	184819	37.579	ng		98
71) Phenanthrene	17.37	178	1368700	38.761	ng		99
72) Anthracene	17.46	178	1369799	39.252	ng		98
73) Carbazole	17.73	167	1277520	39.631	ng		98
74) Di-n-butylphthalate	18.29	149	1601017	38.901	ng		98
75) Fluoranthene	19.37	202	1548282	38.340	ng		98
77) Benzidine	19.55	184	627842	38.351	ng		98
78) Pyrene	19.74	202	1579993	37.165	ng		99
80) Butylbenzylphthalate	20.63	149	768004	37.944	ng		97
81) Benzo(a)anthracene	21.56	228	1515084	37.515	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	593510	37.198	ng		100
83) Chrysene	21.64	228	1544087	40.238	ng		96
84) Bis(2-ethylhexyl)phthalate	21.48	149	1044537	37.402	ng		99
85) Di-n-octyl phthalate	22.67	149	1821748	38.801	ng		98
86) Indeno(1,2,3-cd)pyrene	28.31	276	1904180	36.513	ng	#	70
88) Benzo(b)fluoranthene	23.72	252	1602206	37.128	ng		99
89) Benzo(k)fluoranthene	23.80	252	1621790	39.520	ng		97
90) Benzo(a)pyrene	24.58	252	1543487	37.896	ng		98
91) Dibenzo(a,h)anthracene	28.43	278	1548096	37.846	ng		98
92) Benzo(g,h,i)perylene	29.54	276	1525430	37.543	ng		97

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

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