Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040884.D
Acq On : 11 May 2019 21:45
Operator : HP/JU
Sample : K2764-20MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Manual Integrations APPROVED
Sohil
5/14/2019 8:01:44 PM

Quant Time: May 13 04:16:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	66301	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	285194	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	215312	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	539779	20.00	ng		-0.02
76) Chrysene-d12	21.79	240	540693	20.00	ng		-0.03
87) Perylene-d12	25.14	264	587975	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	396875	105.52	ng		-0.02
7) Phenol-d6	7.28	99	612870	105.83	ng		-0.02
23) Nitrobenzene-d5	9.31	82	411843	66.73	ng		-0.03
42) 2,4,6-Tribromophenol	16.25	330	307484	103.90	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	808059	54.20	ng		-0.03
79) Terphenyl-d14	20.10	244	1307722	53.58	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	42925	25.095	ng		95
3) Pyridine	3.94	79	101142	20.400	ng		97
4) n-Nitrosodimethylamine	3.86	42	80740	29.359	ng		97
6) Aniline	7.46	93	117498	15.307	ng		98
8) 2-Chlorophenol	7.69	128	155690	33.900	ng		98
9) Benzaldehyde	7.27	77	84223	20.447	ng		93
10) Phenol	7.30	94	217179	34.887	ng		94
11) bis(2-Chloroethyl)ether	7.55	93	144815	31.022	ng		92
12) 1,3-Dichlorobenzene	8.02	146	157302	31.381	ng		98
13) 1,4-Dichlorobenzene	8.17	146	158467	31.185	ng		95
14) 1,2-Dichlorobenzene	8.49	146	154634	31.554	ng		97
15) Benzyl Alcohol	8.37	79	180237	29.911	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	243450	26.194	ng		91
17) 2-Methylphenol	8.56	107	153682	34.884	ng		93
18) Hexachloroethane	9.22	117	61012	29.269	ng		93
19) n-Nitroso-di-n-propylamine	8.94	70	145439	27.899	ng		98
20) 3+4-Methylphenols	8.89	107	212196	34.575	ng		98
22) Acetophenone	8.96	105	266492	33.603	ng	#	94
24) Nitrobenzene	9.36	77	217515	33.030	ng		95
25) Isophorone	9.87	82	417584	30.373	ng		99
26) 2-Nitrophenol	10.06	139	93475	39.598	ng		96
27) 2,4-Dimethylphenol	10.11	122	172209	38.881	ng		96
28) bis(2-Chloroethoxy)methane	10.35	93	216771	31.426	ng		100
29) 2,4-Dichlorophenol	10.60	162	192482	38.227	ng		95
30) 1,2,4-Trichlorobenzene	10.81	180	198005	35.460	ng		99
31) Naphthalene	11.01	128	501528	33.101	ng		99
32) Benzoic acid	10.24	122	111957	36.924	ng		89
33) 4-Chloroaniline	11.12	127	58838	8.759	ng		92
34) Hexachlorobutadiene	11.27	225	143250	34.749	ng		97
35) Caprolactam	11.90	113	60415m	30.390	ng		
36) 4-Chloro-3-methylphenol	12.22	107	223065	35.117	ng		99
37) 2-Methylnaphthalene	12.61	142	384913	33.978	ng		97
38) 1-Methylnaphthalene	12.82	142	367251	33.167	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	273638	34.116	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	346626	73.236	ng		98
43) 2,4,6-Trichlorophenol	13.20	196	190387	39.279	ng		96
44) 2,4,5-Trichlorophenol	13.27	196	198636	37.619	ng		98
46) 1,1'-Biphenyl	13.60	154	520443	31.133	ng		96
47) 2-Chloronaphthalene	13.65	162	426497	32.600	ng		99
48) 2-Nitroaniline	13.86	65	161322	34.641	ng		98
49) Acenaphthylene	14.49	152	694362	31.283	ng		99
50) Dimethylphthalate	14.21	163	682522	37.887	ng		99
51) 2,6-Dinitrotoluene	14.34	165	128827	36.641	ng		93
52) Acenaphthene	14.83	154	397026	30.715	ng		97
53) 3-Nitroaniline	14.67	138	60854	16.892	ng		95
54) 2,4-Dinitrophenol	14.87	184	183719	91.540	ng	#	86
55) Dibenzofuran	15.16	168	670513	31.669	ng		98
56) 4-Nitrophenol	14.97	139	215507	68.990	ng		90
57) 2,4-Dinitrotoluene	15.13	165	186324	39.000	ng	#	87
58) Fluorene	15.81	166	534561	31.238	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	211310	39.760	ng		94
60) Diethylphthalate	15.57	149	596280	31.371	ng		100
61) 4-Chlorophenyl-phenylether	15.80	204	333084	33.466	ng		95
62) 4-Nitroaniline	15.84	138	129387	32.108	ng		91
63) Azobenzene	16.09	77	554738	28.340	ng		95
65) 4,6-Dinitro-2-methylphenol	15.88	198	117650	44.792	ng		89
66) n-Nitrosodiphenylamine	16.01	169	497349	31.317	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	221902	32.997	ng		92
68) Hexachlorobenzene	16.80	284	232157	33.387	ng		97
69) Atrazine	16.95	200	219409	34.871	ng		97
70) Pentachlorophenol	17.15	266	310761	76.373	ng		97
71) Phenanthrene	17.55	178	1041230	35.813	ng		98
72) Anthracene	17.64	178	936100	32.032	ng		99
73) Carbazole	17.91	167	822190	30.880	ng		99
74) Di-n-butylphthalate	18.45	149	945945	29.435	ng		99
75) Fluoranthene	19.55	202	1389637	38.355	ng		97
77) Benzidine	19.73	184	75246m	5.083	ng		
78) Pyrene	19.91	202	1606840	47.416	ng		96
80) Butylbenzylphthalate	20.78	149	437815	33.148	ng		93
81) Benzo(a)anthracene	21.77	228	1317408	38.552	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	214257	17.591	ng		96
83) Chrysene	21.84	228	1308422	40.261	ng		97
84) Bis(2-ethylhexyl)phthalate	21.64	149	617686	32.397	ng		96
85) Di-n-octyl phthalate	22.89	149	1058405	32.962	ng		96
86) Indeno(1,2,3-cd)pyrene	29.00	276	1506455	38.339	ng	#	92
88) Benzo(b)fluoranthene	24.07	252	1349732m	37.565	ng		
89) Benzo(k)fluoranthene	24.14	252	1223495	36.462	ng		97
90) Benzo(a)pyrene	24.99	252	1281594	37.682	ng		99
91) Dibenzo(a,h)anthracene	29.06	278	1169664	33.984	ng	#	96
92) Benzo(g,h,i)perylene	30.22	276	1293721	37.768	ng		97

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

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