Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
Data File : BG041739.D
Acq On : 19 Jul 2019 17:37
Operator : HP/JU
Sample : K3615-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-071719-AMS

Quant Time: Jul 19 23:36:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86396	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	325775	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	213896	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	583681	20.00	ng		0.00
76) Chrysene-d12	21.65	240	699265	20.00	ng		-0.01
87) Perylene-d12	24.84	264	838345	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	566902	107.27	ng		0.00
7) Phenol-d6	7.20	99	685079	96.37	ng		0.00
23) Nitrobenzene-d5	9.20	82	513199	95.80	ng		-0.01
42) 2,4,6-Tribromophenol	16.14	330	388150	161.02	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1212136	87.75	ng		0.00
79) Terphenyl-d14	20.00	244	2398280	80.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	73762	29.387	ng	#	10
3) Pyridine	3.90	79	160002	23.880	ng		94
4) n-Nitrosodimethylamine	3.80	42	93751	30.299	ng		98
6) Aniline	7.37	93	142542	14.920	ng		98
8) 2-Chlorophenol	7.61	128	216123	36.122	ng		98
9) Benzaldehyde	7.18	77	100657	20.173	ng		97
10) Phenol	7.22	94	226921	30.299	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	213400	35.281	ng		96
12) 1,3-Dichlorobenzene	7.94	146	240350	33.667	ng		98
13) 1,4-Dichlorobenzene	8.08	146	243190	34.015	ng		98
14) 1,2-Dichlorobenzene	8.40	146	227160	33.700	ng		99
15) Benzyl Alcohol	8.28	79	187001	33.043	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	393408	31.388	ng		99
17) 2-Methylphenol	8.48	107	177740	34.317	ng		97
18) Hexachloroethane	9.13	117	86138	32.894	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	172612	33.222	ng		95
20) 3+4-Methylphenols	8.81	107	238339	33.580	ng		98
22) Acetophenone	8.86	105	325804	41.062	ng	#	95
24) Nitrobenzene	9.25	77	240786	41.205	ng		100
25) Isophorone	9.77	82	458855	39.118	ng		99
26) 2-Nitrophenol	9.96	139	117397	44.200	ng		97
27) 2,4-Dimethylphenol	10.02	122	204354	44.031	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	279983	38.728	ng		99
29) 2,4-Dichlorophenol	10.49	162	227688	43.029	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	246791	39.722	ng		99
31) Naphthalene	10.90	128	654414	40.803	ng		97
32) Benzoic acid	10.09	122	56909	20.141	ng		97
33) 4-Chloroaniline	11.00	127	57587	7.784	ng		95
34) Hexachlorobutadiene	11.20	225	153712	38.493	ng		98
35) Caprolactam	11.75	113	64368	33.095	ng	#	85
36) 4-Chloro-3-methylphenol	12.11	107	241045	43.483	ng		100
37) 2-Methylnaphthalene	12.50	142	503813	41.116	ng		99
38) 1-Methylnaphthalene	12.72	142	473625	40.543	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	294150	40.147	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	318586	76.868	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	204185	42.890	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	224213	44.701	ng		97
46) 1,1'-Biphenyl	13.50	154	646168	40.323	ng		96
47) 2-Chloronaphthalene	13.54	162	519363	38.888	ng		98
48) 2-Nitroaniline	13.73	65	170378	43.816	ng		98
49) Acenaphthylene	14.39	152	853066	40.916	ng		98
50) Dimethylphthalate	14.12	163	762560	45.393	ng		99
51) 2,6-Dinitrotoluene	14.22	165	166917	46.843	ng		97
52) Acenaphthene	14.73	154	561665	42.749	ng		98
53) 3-Nitroaniline	14.55	138	64803	16.660	ng		95
54) 2,4-Dinitrophenol	14.76	184	109579	62.699	ng		93
55) Dibenzofuran	15.06	168	839696	42.590	ng		96
56) 4-Nitrophenol	14.85	139	285774	90.744	ng		99
57) 2,4-Dinitrotoluene	15.01	165	242193	51.418	ng		99
58) Fluorene	15.70	166	696571	43.421	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	231379	49.968	ng		97
60) Diethylphthalate	15.47	149	740339	43.745	ng		97
61) 4-Chlorophenyl-phenylether	15.70	204	385786	42.542	ng		99
62) 4-Nitroaniline	15.71	138	198908	48.216	ng		98
63) Azobenzene	15.99	77	639002	41.764	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	106478	39.759	ng		93
66) n-Nitrosodiphenylamine	15.91	169	661838	38.612	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	271328	39.068	ng		98
68) Hexachlorobenzene	16.71	284	275905	39.451	ng		98
69) Atrazine	16.85	200	289155	46.486	ng		98
70) Pentachlorophenol	17.05	266	292967	66.997	ng		98
71) Phenanthrene	17.44	178	1241461	42.235	ng		97
72) Anthracene	17.53	178	1281723	43.745	ng		96
73) Carbazole	17.79	167	1252889	46.106	ng		97
74) Di-n-butylphthalate	18.36	149	1434189	43.273	ng		97
75) Fluoranthene	19.45	202	1677715	46.482	ng		96
77) Benzidine	19.62	184	207096	5.838	ng		97
78) Pyrene	19.80	202	1718630	36.340	ng		96
80) Butylbenzylphthalate	20.69	149	787909	40.092	ng		93
81) Benzo(a)anthracene	21.63	228	1807889	40.015	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	326926	18.389	ng		99
83) Chrysene	21.70	228	1774186	41.096	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	1113163	40.117	ng		97
85) Di-n-octyl phthalate	22.76	149	1944019	41.140	ng		96
86) Indeno(1,2,3-cd)pyrene	28.49	276	2438905	42.815	ng	#	92
88) Benzo(b)fluoranthene	23.83	252	2040627	40.129	ng		99
89) Benzo(k)fluoranthene	23.90	252	1996657	42.374	ng		99
90) Benzo(a)pyrene	24.69	252	2041579	42.433	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	1998100	42.832	ng		98
92) Benzo(g,h,i)perylene	29.62	276	2014992	43.102	ng		98

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

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