Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
Data File : BG041740.D
Acq On : 19 Jul 2019 18:15
Operator : HP/JU
Sample : K3615-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jul 19 23:37:27 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	8.05	152	76526	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	281820	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	163611	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	465615	20.00	ng		-0.01
76) Chrysene-d12	21.65	240	607049	20.00	ng		-0.01
87) Perylene-d12	24.84	264	722818	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	494611	105.66	ng		0.00
7) Phenol-d6	7.20	99	583286	92.64	ng		0.00
23) Nitrobenzene-d5	9.20	82	421224	90.90	ng		-0.01
42) 2,4,6-Tribromophenol	16.14	330	290707	157.66	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	973565	92.14	ng		-0.01
79) Terphenyl-d14	20.00	244	2138747	82.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	65924	29.651	ng	#	19
3) Pyridine	3.90	79	135604	22.849	ng		97
4) n-Nitrosodimethylamine	3.80	42	77415	28.246	ng		97
6) Aniline	7.36	93	84295	9.961	ng		97
8) 2-Chlorophenol	7.61	128	177148	33.427	ng		99
9) Benzaldehyde	7.17	77	88359	19.962	ng		96
10) Phenol	7.23	94	188966	28.485	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	180176	33.630	ng		94
12) 1,3-Dichlorobenzene	7.94	146	211764	33.489	ng		97
13) 1,4-Dichlorobenzene	8.08	146	214716	33.906	ng		98
14) 1,2-Dichlorobenzene	8.40	146	198815	33.299	ng		96
15) Benzyl Alcohol	8.28	79	150379	29.999	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	325705	29.338	ng		99
17) 2-Methylphenol	8.48	107	142881	31.145	ng		99
18) Hexachloroethane	9.13	117	75917	32.730	ng		99
19) n-Nitroso-di-n-propylamine	8.85	70	136768	29.718	ng		97
20) 3+4-Methylphenols	8.81	107	189032	30.068	ng		99
22) Acetophenone	8.86	105	264543	38.541	ng	#	96
24) Nitrobenzene	9.24	77	192628	38.105	ng		97
25) Isophorone	9.77	82	348419	34.336	ng		98
26) 2-Nitrophenol	9.96	139	95018	41.654	ng		95
27) 2,4-Dimethylphenol	10.01	122	161937	40.334	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	217817	34.828	ng		98
29) 2,4-Dichlorophenol	10.49	162	180818	39.501	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	205134	38.167	ng		98
31) Naphthalene	10.90	128	537539	38.743	ng		96
32) Benzoic acid	10.09	122	44603	18.813	ng		99
33) 4-Chloroaniline	11.00	127	33231	5.192	ng		99
34) Hexachlorobutadiene	11.20	225	129928	37.611	ng		98
35) Caprolactam	11.75	113	48436	28.788	ng		91
36) 4-Chloro-3-methylphenol	12.11	107	173815	36.246	ng		97
37) 2-Methylnaphthalene	12.50	142	392365	37.015	ng		97
38) 1-Methylnaphthalene	12.72	142	371659	36.777	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	228689	40.806	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	259769	81.940	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	148912	40.894	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	165278	43.079	ng		95
46) 1,1'-Biphenyl	13.50	154	487922	39.806	ng		99
47) 2-Chloronaphthalene	13.54	162	395867	38.751	ng		98
48) 2-Nitroaniline	13.73	65	120631	40.557	ng		98
49) Acenaphthylene	14.39	152	635794	39.868	ng		97
50) Dimethylphthalate	14.11	163	551942	42.953	ng		99
51) 2,6-Dinitrotoluene	14.22	165	117971	43.283	ng		96
52) Acenaphthene	14.73	154	405121	40.311	ng		97
53) 3-Nitroaniline	14.55	138	41634	13.993	ng	#	90
54) 2,4-Dinitrophenol	14.75	184	76490	57.893	ng		93
55) Dibenzofuran	15.06	168	620351	41.135	ng		96
56) 4-Nitrophenol	14.85	139	222520	92.375	ng		96
57) 2,4-Dinitrotoluene	15.00	165	176966	49.117	ng		99
58) Fluorene	15.70	166	511413	41.677	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	166514	47.012	ng		98
60) Diethylphthalate	15.47	149	538707	41.615	ng		97
61) 4-Chlorophenyl-phenylether	15.70	204	278969	40.218	ng		97
62) 4-Nitroaniline	15.71	138	149289	47.310	ng		99
63) Azobenzene	15.99	77	459002	39.219	ng		94
65) 4,6-Dinitro-2-methylphenol	15.77	198	75438	36.058	ng		96
66) n-Nitrosodiphenylamine	15.90	169	487288	35.638	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	194837	35.168	ng		98
68) Hexachlorobenzene	16.71	284	205056	36.755	ng		96
69) Atrazine	16.85	200	217977	43.929	ng		100
70) Pentachlorophenol	17.05	266	210775	60.423	ng		99
71) Phenanthrene	17.44	178	950433	40.533	ng		94
72) Anthracene	17.53	178	979715	41.916	ng		94
73) Carbazole	17.80	167	988015	45.579	ng		95
74) Di-n-butylphthalate	18.36	149	1131495	42.797	ng	#	96
75) Fluoranthene	19.44	202	1396080	48.487	ng		95
77) Benzidine	19.62	184	129533	3.726	ng		96
78) Pyrene	19.80	202	1442572	35.136	ng		94
80) Butylbenzylphthalate	20.69	149	640378	37.535	ng		95
81) Benzo(a)anthracene	21.63	228	1513984	38.601	ng		95
82) 3,3'-Dichlorobenzidine	21.54	252	226910	14.702	ng		98
83) Chrysene	21.70	228	1467130	39.146	ng		96
84) Bis(2-ethylhexyl)phthalate	21.55	149	920013	38.193	ng		97
85) Di-n-octyl phthalate	22.75	149	1599769	38.998	ng		95
86) Indeno(1,2,3-cd)pyrene	28.48	276	1977478	39.989	ng	#	92
88) Benzo(b)fluoranthene	23.83	252	1705108	38.890	ng		97
89) Benzo(k)fluoranthene	23.90	252	1614360	39.737	ng		97
90) Benzo(a)pyrene	24.69	252	1670428	40.268	ng		97
91) Dibenzo(a,h)anthracene	28.55	278	1613321	40.111	ng		98
92) Benzo(g,h,i)perylene	29.62	276	1623530	40.279	ng		98

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

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