Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041818.D
Acq On : 31 Jul 2019 1:42
Operator : HP/JU
Sample : K4045-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW8-20190726

Quant Time: Jul 31 04:10:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86514	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	322261	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	229231	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	581239	20.00	ng		0.00
76) Chrysene-d12	21.73	240	718308	20.00	ng		0.00
87) Perylene-d12	25.00	264	650759	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	560579	126.07	ng		0.00
7) Phenol-d6	7.19	99	683222	113.97	ng		0.00
23) Nitrobenzene-d5	9.20	82	503279	107.47	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	424614	163.08	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1331637	102.46	ng		0.00
79) Terphenyl-d14	20.06	244	2528934	80.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	8641	4.129	ng	#	77
4) n-Nitrosodimethylamine	3.79	42	8816	3.875	ng	#	89
8) 2-Chlorophenol	7.60	128	19440	3.818	ng		95
9) Benzaldehyde	7.17	77	15330	3.634	ng		96
10) Phenol	7.22	94	29182	4.679	ng		91
11) bis(2-Chloroethyl)ether	7.45	93	16886	3.293	ng		94
12) 1,3-Dichlorobenzene	7.93	146	22814	3.433	ng		91
13) 1,4-Dichlorobenzene	8.08	146	23384	3.517	ng		92
14) 1,2-Dichlorobenzene	8.40	146	21646	3.411	ng		94
15) Benzyl Alcohol	8.28	79	11558	2.451	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	29707	3.257	ng		96
17) 2-Methylphenol	8.48	107	15703	3.462	ng		96
18) Hexachloroethane	9.14	117	8308	3.648	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	13109	3.012	ng	#	90
20) 3+4-Methylphenols	8.81	107	20582	3.316	ng		96
22) Acetophenone	8.86	105	29098	4.037	ng	#	88
24) Nitrobenzene	9.25	77	21343	4.326	ng		97
25) Isophorone	9.77	82	35891	3.523	ng		98
26) 2-Nitrophenol	9.97	139	9422	4.115	ng	#	94
27) 2,4-Dimethylphenol	10.03	122	14716	3.642	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	20773	3.263	ng		96
29) 2,4-Dichlorophenol	10.51	162	19322	3.926	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	24022	3.849	ng		96
31) Naphthalene	10.91	128	58213	3.947	ng		97
32) Benzoic acid	10.03	122	14716	12.899	ng	#	13
34) Hexachlorobutadiene	11.21	225	15522	3.685	ng	#	90
35) Caprolactam	11.77	113	6504	3.803	ng	#	64
36) 4-Chloro-3-methylphenol	12.14	107	19720	4.042	ng		90
37) 2-Methylnaphthalene	12.52	142	43382	3.716	ng		97
38) 1-Methylnaphthalene	12.74	142	43542	3.936	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	30013	4.136	ng	#	95
41) Hexachlorocyclopentadiene	12.88	237	10365	2.541	ng		86
43) 2,4,6-Trichlorophenol	13.13	196	14863	3.241	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	18141	3.806	ng		92

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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)
46) 1,1'-Biphenyl	13.54	154	61643	4.183	ng		94
47) 2-Chloronaphthalene	13.58	162	45932	3.661	ng		96
49) Acenaphthylene	14.42	152	76792	4.092	ng		93
50) Dimethylphthalate	14.15	163	129762	8.289	ng		98
51) 2,6-Dinitrotoluene	14.26	165	12677	3.873	ng		93
52) Acenaphthene	14.76	154	44662	3.659	ng		92
54) 2,4-Dinitrophenol	14.82	184	1063	4.002	ng		92
55) Dibenzofuran	15.10	168	79365	4.251	ng		91
56) 4-Nitrophenol	14.90	139	7377	2.775	ng	#	77
57) 2,4-Dinitrotoluene	15.05	165	17890	3.974	ng	#	95
58) Fluorene	15.74	166	66041	4.408	ng		90
59) 2,3,4,6-Tetrachlorophenol	15.32	232	13517	2.864	ng	#	94
60) Diethylphthalate	15.52	149	65822	4.282	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	36527	3.994	ng		92
63) Azobenzene	16.03	77	42926	3.419	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	4611	8.242	ng		95
67) 4-Bromophenyl-phenylether	16.64	248	24480	3.419	ng		94
68) Hexachlorobenzene	16.76	284	25782	3.442	ng	#	91
71) Phenanthrene	17.49	178	120113	4.311	ng	#	90
72) Anthracene	17.58	178	116679	4.199	ng	#	91
74) Di-n-butylphthalate	18.42	149	125643	4.444	ng	#	92
75) Fluoranthene	19.50	202	169428	5.003	ng		86
78) Pyrene	19.86	202	177330	4.167	ng	#	86
80) Butylbenzylphthalate	20.75	149	62972	3.859	ng		90
81) Benzo(a)anthracene	21.78	228	174256	4.100	ng		92
83) Chrysene	21.78	228	174256	4.278	ng		89
84) Bis(2-ethylhexyl)phthalate	21.63	149	93491	4.154	ng		97
85) Di-n-octyl phthalate	22.87	149	153484	4.052	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.72	276	193560	3.589	ng	#	84
88) Benzo(b)fluoranthene	23.96	252	186250	5.232	ng		91
89) Benzo(k)fluoranthene	24.03	252	171006	4.931	ng	#	95
90) Benzo(a)pyrene	24.85	252	154073	4.513	ng	#	93
91) Dibenzo(a,h)anthracene	28.81	278	161626	4.821	ng	#	90
92) Benzo(g,h,i)perylene	29.88	276	153413	4.580	ng	#	94

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

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