Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
Data File : BG040540.D
Acq On : 17 Apr 2019 21:49
Operator : JU/SJ
Sample : K2196-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-041619MSD

Quant Time: Apr 18 05:00:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54951	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	213434	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	136609	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	331806	20.00	ng		0.00
76) Chrysene-d12	21.69	240	296321	20.00	ng		0.00
87) Perylene-d12	24.97	264	334207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	401299	121.40	ng		0.00
7) Phenol-d6	7.20	99	530736	116.18	ng		0.00
23) Nitrobenzene-d5	9.22	82	377611	94.04	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	222487	150.70	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	818868	88.82	ng		0.00
79) Terphenyl-d14	20.02	244	1299160	98.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	59694	38.406	ng	#	23
3) Pyridine	3.91	79	133093	31.803	ng		95
4) n-Nitrosodimethylamine	3.82	42	81984	42.352	ng	#	99
6) Aniline	7.37	93	52623	8.866	ng		98
8) 2-Chlorophenol	7.60	128	159587	41.243	ng		93
9) Benzaldehyde	7.19	77	64657	20.634	ng		91
10) Phenol	7.23	94	184017	37.112	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	164146	41.332	ng		97
12) 1,3-Dichlorobenzene	7.93	146	161576	38.413	ng		95
13) 1,4-Dichlorobenzene	8.08	146	166422	39.725	ng		100
14) 1,2-Dichlorobenzene	8.40	146	156552	39.077	ng		99
15) Benzyl Alcohol	8.28	79	142095	38.623	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	312672	41.023	ng		97
17) 2-Methylphenol	8.48	107	139869	40.765	ng		97
18) Hexachloroethane	9.12	117	60261	37.816	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	132012	40.305	ng		97
20) 3+4-Methylphenols	8.81	107	196423	42.258	ng		94
22) Acetophenone	8.87	105	249597	46.881	ng	#	99
24) Nitrobenzene	9.26	77	191694	46.101	ng		97
25) Isophorone	9.77	82	388783	47.057	ng		99
26) 2-Nitrophenol	9.97	139	89737	45.545	ng		93
27) 2,4-Dimethylphenol	10.02	122	158861	50.760	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	222180	45.454	ng		100
29) 2,4-Dichlorophenol	10.51	162	169385	49.863	ng		100
30) 1,2,4-Trichlorobenzene	10.71	180	166971	44.764	ng		98
31) Naphthalene	10.91	128	501556	45.846	ng		98
33) 4-Chloroaniline	11.04	127	12566	2.693	ng		94
34) Hexachlorobutadiene	11.17	225	100139	41.977	ng		95
35) Caprolactam	11.81	113	49114m	36.433	ng		
36) 4-Chloro-3-methylphenol	12.14	107	201744	51.659	ng		97
37) 2-Methylnaphthalene	12.50	142	379162	46.862	ng		99
38) 1-Methylnaphthalene	12.73	142	364266	46.427	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	189599	43.667	ng		99
41) Hexachlorocyclopentadiene	12.83	237	196686	82.502	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.11	196	137720	49.197	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	144888	47.485	ng		99
46) 1,1'-Biphenyl	13.51	154	496010	45.953	ng		99
47) 2-Chloronaphthalene	13.56	162	382996	46.258	ng		99
48) 2-Nitroaniline	13.77	65	140835	50.428	ng		89
49) Acenaphthylene	14.40	152	643091	45.811	ng		99
50) Dimethylphthalate	14.13	163	533792	49.927	ng		99
51) 2,6-Dinitrotoluene	14.26	165	120127	50.039	ng		99
52) Acenaphthene	14.74	154	378131	47.008	ng		96
53) 3-Nitroaniline	14.60	138	8067	3.175	ng	#	73
54) 2,4-Dinitrophenol	14.80	184	49240	38.568	ng		97
55) Dibenzofuran	15.07	168	620261	47.988	ng		99
56) 4-Nitrophenol	14.90	139	160960	78.482	ng		96
57) 2,4-Dinitrotoluene	15.04	165	171413	51.387	ng		94
58) Fluorene	15.72	166	486371	47.861	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	140884	50.882	ng		99
60) Diethylphthalate	15.48	149	553196	50.564	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	261974	48.228	ng		96
62) 4-Nitroaniline	15.76	138	112968	41.424	ng		98
63) Azobenzene	16.00	77	513863	49.794	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	53348	28.618	ng		96
66) n-Nitrosodiphenylamine	15.92	169	462301	47.613	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	170269	45.600	ng		95
68) Hexachlorobenzene	16.72	284	174318	46.431	ng		97
69) Atrazine	16.87	200	170069	47.086	ng		98
70) Pentachlorophenol	17.06	266	138012	63.584	ng		98
71) Phenanthrene	17.46	178	833592	47.797	ng		99
72) Anthracene	17.56	178	851153	48.759	ng		99
73) Carbazole	17.83	167	799259	48.380	ng		99
74) Di-n-butylphthalate	18.36	149	946534	48.336	ng		99
75) Fluoranthene	19.47	202	1000707	48.457	ng		100
77) Benzidine	19.66	184	31856	2.977	ng		95
78) Pyrene	19.83	202	1009059	51.783	ng		99
80) Butylbenzylphthalate	20.70	149	454000	54.446	ng		96
81) Benzo(a)anthracene	21.67	228	914807	50.122	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	72540	10.448	ng		97
83) Chrysene	21.74	228	900435	51.333	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	636528	53.402	ng		99
85) Di-n-octyl phthalate	22.76	149	1094884	53.914	ng		98
86) Indeno(1,2,3-cd)pyrene	28.72	276	1130600	52.699	ng	#	91
88) Benzo(b)fluoranthene	23.92	252	1003166	49.027	ng		99
89) Benzo(k)fluoranthene	23.99	252	957783	50.901	ng		98
90) Benzo(a)pyrene	24.81	252	975782	50.827	ng		100
91) Dibenzo(a,h)anthracene	28.79	278	921048	51.656	ng		99
92) Benzo(g,h,i)perylene	29.91	276	935047	51.027	ng		96

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

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