Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
Data File : BG040567.D
Acq On : 19 Apr 2019 18:30
Operator : JU/SJ
Sample : K2442-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-DMSD

Quant Time: Apr 20 02:09:35 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	8.03	152	58694	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	244835	20.00	ng		-0.02
39) Acenaphthene-d10	14.66	164	158616	20.00	ng		-0.02
64) Phenanthrene-d10	17.41	188	389766	20.00	ng		0.00
76) Chrysene-d12	21.69	240	338371	20.00	ng		0.00
87) Perylene-d12	24.96	264	386035	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	432004	122.36	ng		0.00
7) Phenol-d6	7.19	99	609251	124.86	ng		0.00
23) Nitrobenzene-d5	9.21	82	360004	78.16	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	228630	133.37	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	800222	74.76	ng		0.00
79) Terphenyl-d14	20.01	244	1196142	79.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	57962	34.913	ng		99
3) Pyridine	3.88	79	149041	33.343	ng		99
4) n-Nitrosodimethylamine	3.80	42	79736	38.564	ng	#	94
6) Aniline	7.36	93	82569	13.025	ng		97
8) 2-Chlorophenol	7.59	128	160939	38.940	ng		93
9) Benzaldehyde	7.18	77	56297	16.820	ng		93
10) Phenol	7.22	94	215505	40.690	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	153738	36.242	ng		99
12) 1,3-Dichlorobenzene	7.92	146	159733	35.553	ng		97
13) 1,4-Dichlorobenzene	8.06	146	164058	36.663	ng		99
14) 1,2-Dichlorobenzene	8.38	146	156958	36.679	ng		98
15) Benzyl Alcohol	8.28	79	149610	38.072	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	304781	37.437	ng		99
17) 2-Methylphenol	8.47	107	146577	39.995	ng		97
18) Hexachloroethane	9.11	117	57972	34.059	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	127189	36.356	ng		99
20) 3+4-Methylphenols	8.80	107	204366	41.163	ng		96
22) Acetophenone	8.86	105	247644	40.548	ng	#	98
24) Nitrobenzene	9.25	77	187835	39.380	ng		97
25) Isophorone	9.76	82	366003	38.618	ng		99
26) 2-Nitrophenol	9.96	139	90871	40.206	ng		96
27) 2,4-Dimethylphenol	10.00	122	154841	43.130	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	208099	37.113	ng		100
29) 2,4-Dichlorophenol	10.49	162	164568	42.232	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	161220	37.679	ng		99
31) Naphthalene	10.90	128	498955	39.759	ng		99
32) Benzoic acid	10.16	122	4716m	2.174	ng		
33) 4-Chloroaniline	11.01	127	71227	13.306	ng		96
34) Hexachlorobutadiene	11.15	225	98411	35.962	ng		97
35) Caprolactam	11.79	113	64187m	41.507	ng		
36) 4-Chloro-3-methylphenol	12.12	107	195283	43.591	ng		97
37) 2-Methylnaphthalene	12.49	142	372133	40.094	ng		100
38) 1-Methylnaphthalene	12.72	142	354944	39.437	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	186760	37.045	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	161684	58.410	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	135150	41.580	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	146167	41.258	ng	99
46) 1,1'-Biphenyl	13.50	154	478230	38.158	ng	98
47) 2-Chloronaphthalene	13.55	162	365000	37.968	ng	98
48) 2-Nitroaniline	13.76	65	139615	43.055	ng	95
49) Acenaphthylene	14.39	152	626174	38.417	ng	99
50) Dimethylphthalate	14.12	163	586243	47.225	ng	99
51) 2,6-Dinitrotoluene	14.25	165	113453	40.702	ng	95
52) Acenaphthene	14.73	154	363222	38.890	ng	98
53) 3-Nitroaniline	14.59	138	56056	18.999	ng	96
54) 2,4-Dinitrophenol	14.79	184	100850	68.032	ng	98
55) Dibenzofuran	15.06	168	588926	39.242	ng	96
56) 4-Nitrophenol	14.89	139	198077	83.180	ng	94
57) 2,4-Dinitrotoluene	15.04	165	161780	41.770	ng	93
58) Fluorene	15.71	166	463130	39.251	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	138401	43.050	ng	98
60) Diethylphthalate	15.47	149	513659	40.436	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	246630	39.104	ng	97
62) 4-Nitroaniline	15.75	138	126235	39.867	ng	97
63) Azobenzene	15.99	77	524248	43.752	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	85506	39.048	ng	95
66) n-Nitrosodiphenylamine	15.92	169	439750	38.555	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	162026	36.940	ng	96
68) Hexachlorobenzene	16.71	284	168169	38.132	ng	95
69) Atrazine	16.86	200	165818	39.082	ng	98
70) Pentachlorophenol	17.06	266	185910	72.915	ng	95
71) Phenanthrene	17.45	178	799285	39.015	ng	99
72) Anthracene	17.55	178	817282	39.856	ng	99
73) Carbazole	17.82	167	775990	39.987	ng	99
74) Di-n-butylphthalate	18.35	149	900748	39.157	ng	99
75) Fluoranthene	19.46	202	956665	39.435	ng	99
77) Benzidine	19.65	184	149091	12.202	ng	94
78) Pyrene	19.83	202	966348	43.428	ng	99
80) Butylbenzylphthalate	20.70	149	424108	44.541	ng	98
81) Benzo(a)anthracene	21.67	228	861590	41.339	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	173523	21.886	ng	97
83) Chrysene	21.74	228	846873	42.280	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	600341	44.107	ng	98
85) Di-n-octyl phthalate	22.76	149	1024619	44.184	ng	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1044757	42.646	ng	100
88) Benzo(b)fluoranthene	23.92	252	920594	38.951	ng	98
89) Benzo(k)fluoranthene	23.99	252	885589	40.746	ng	97
90) Benzo(a)pyrene	24.81	252	901720	40.663	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	844808	41.019	ng	98
92) Benzo(g,h,i)perylene	29.92	276	874661	41.324	ng	98

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

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