Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
Data File : BG040768.D
Acq On : 7 May 2019 14:03
Operator : HP/JU
Sample : K2674-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SV28545LMS

Quant Time: May 08 12:49:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	45283	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	173401	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	125647	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	343448	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	352457	20.00	ng		-0.02
87) Perylene-d12	25.16	264	363825	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	368238	143.35	ng		0.00
7) Phenol-d6	7.28	99	527336	133.32	ng		-0.01
23) Nitrobenzene-d5	9.32	82	475133	126.61	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	20003	11.58	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	982487	112.93	ng		-0.02
79) Terphenyl-d14	20.11	244	1959473	123.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	54565	46.706	ng		89
3) Pyridine	3.95	79	150206	44.357	ng		95
4) n-Nitrosodimethylamine	3.87	42	93446	49.751	ng		96
6) Aniline	7.46	93	231960	44.245	ng		99
8) 2-Chlorophenol	7.71	128	152516	48.623	ng		98
9) Benzaldehyde	7.28	77	102510	44.586	ng		95
10) Phenol	7.31	94	177727	41.801	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	162186	50.869	ng		99
12) 1,3-Dichlorobenzene	8.03	146	166930	48.758	ng		98
13) 1,4-Dichlorobenzene	8.18	146	169121	48.729	ng		98
14) 1,2-Dichlorobenzene	8.50	146	163676	48.901	ng		99
15) Benzyl Alcohol	8.38	79	191807	46.606	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	272838	42.982	ng		99
17) 2-Methylphenol	8.57	107	140179	46.588	ng		93
18) Hexachloroethane	9.23	117	64663	45.419	ng		99
19) n-Nitroso-di-n-propylamine	8.95	70	156299	43.898	ng		94
20) 3+4-Methylphenols	8.90	107	187336	44.693	ng		98
22) Acetophenone	8.97	105	282174	58.520	ng	#	97
24) Nitrobenzene	9.37	77	235414	58.795	ng		93
25) Isophorone	9.88	82	441983	52.873	ng		99
26) 2-Nitrophenol	10.07	139	53173	37.048	ng		94
27) 2,4-Dimethylphenol	10.11	122	136094	50.537	ng		97
28) bis(2-Chloroethoxy)methane	10.36	93	228456	54.472	ng		96
29) 2,4-Dichlorophenol	10.60	162	187640	61.290	ng		97
30) 1,2,4-Trichlorobenzene	10.83	180	200237	58.979	ng		98
31) Naphthalene	11.02	128	512906	55.676	ng		99
33) 4-Chloroaniline	11.12	127	227326	55.656	ng		96
34) Hexachlorobutadiene	11.28	225	143686	57.327	ng		98
35) Caprolactam	11.89	113	49287	40.776	ng	#	88
36) 4-Chloro-3-methylphenol	12.22	107	206001	53.339	ng		97
37) 2-Methylnaphthalene	12.61	142	400774	58.186	ng		100
38) 1-Methylnaphthalene	12.83	142	374890	55.684	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	279776	59.773	ng		97
41) Hexachlorocyclopentadiene	12.94	237	216616	78.428	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.21	196	21315	7.536	ng		93
44) 2,4,5-Trichlorophenol	13.28	196	128676	41.760	ng		97
46) 1,1'-Biphenyl	13.61	154	535933	54.937	ng		97
47) 2-Chloronaphthalene	13.66	162	433898	56.834	ng		99
48) 2-Nitroaniline	13.86	65	188531	69.375	ng		99
49) Acenaphthylene	14.50	152	694443	53.614	ng		99
50) Dimethylphthalate	14.22	163	605541	57.601	ng		99
51) 2,6-Dinitrotoluene	14.35	165	132892	64.770	ng		97
52) Acenaphthene	14.84	154	409505	54.288	ng		94
53) 3-Nitroaniline	14.68	138	133920	63.703	ng		94
55) Dibenzofuran	15.17	168	721658	58.409	ng		98
57) 2,4-Dinitrotoluene	15.13	165	186401	66.859	ng		91
58) Fluorene	15.82	166	570960	57.175	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	3600m	1.161	ng		
60) Diethylphthalate	15.57	149	645835	58.227	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	347905	59.901	ng		97
62) 4-Nitroaniline	15.84	138	146667	62.369	ng		94
63) Azobenzene	16.10	77	611440	53.528	ng		97
66) n-Nitrosodiphenylamine	16.02	169	538837	53.326	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	240858	56.290	ng		92
68) Hexachlorobenzene	16.81	284	250453	56.607	ng		97
69) Atrazine	16.96	200	238665	59.615	ng		96
71) Phenanthrene	17.56	178	1033183	55.851	ng		98
72) Anthracene	17.65	178	1045487	56.225	ng		99
73) Carbazole	17.92	167	932225	55.027	ng		99
74) Di-n-butylphthalate	18.46	149	1113521	54.457	ng		100
75) Fluoranthene	19.56	202	1344206	58.310	ng		98
77) Benzidine	19.74	184	850087	88.088	ng		98
78) Pyrene	19.92	202	1333023	60.344	ng		97
80) Butylbenzylphthalate	20.79	149	516909	60.037	ng		96
81) Benzo(a)anthracene	21.78	228	1321436	59.322	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	454074	57.191	ng		98
83) Chrysene	21.85	228	1287553	60.777	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	718954	57.848	ng		96
85) Di-n-octyl phthalate	22.91	149	1222254	58.394	ng		97
86) Indeno(1,2,3-cd)pyrene	29.02	276	1353005	52.824	ng	#	90
88) Benzo(b)fluoranthene	24.08	252	1311596	58.994	ng		96
89) Benzo(k)fluoranthene	24.16	252	1353600	65.192	ng		98
90) Benzo(a)pyrene	25.00	252	1283547	60.990	ng		99
91) Dibenzo(a,h)anthracene	29.09	278	1088983	51.133	ng	#	96
92) Benzo(g,h,i)perylene	30.23	276	1087330	51.300	ng		99

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

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