Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
Data File : BG039543.D
Acq On : 18 Feb 2019 17:27
Operator : JU/SJ
Sample : K1508-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-12-DMSD

Manual Integrations APPROVED
Sohil
2/19/2019 9:57:18 AM

Quant Time: Feb 19 00:56:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54713	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	254402	20.00	ng		-0.02
39) Acenaphthene-d10	14.80	164	176365	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	416485	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	404975	20.00	ng		-0.02
87) Perylene-d12	25.21	264	417121	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	504152	157.71	ng		0.00
7) Phenol-d6	7.32	99	752991	160.02	ng		0.00
23) Nitrobenzene-d5	9.35	82	436171	107.11	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	309835	163.14	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1061550	86.35	ng		-0.01
79) Terphenyl-d14	20.13	244	1598916	83.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	52541	37.574	ng		99
3) Pyridine	4.00	79	131640	35.556	ng		94
4) n-Nitrosodimethylamine	3.92	42	88828	47.975	ng	#	79
6) Aniline	7.49	93	279384	47.401	ng		98
8) 2-Chlorophenol	7.73	128	191012	54.663	ng		98
9) Benzaldehyde	7.31	77	99245	43.196	ng		99
10) Phenol	7.35	94	286319	58.371	ng		98
11) bis(2-Chloroethyl)ether	7.59	93	179198	46.233	ng		97
12) 1,3-Dichlorobenzene	8.06	146	191611	45.264	ng		99
13) 1,4-Dichlorobenzene	8.20	146	195729	46.389	ng		98
14) 1,2-Dichlorobenzene	8.53	146	194039	47.505	ng		96
15) Benzyl Alcohol	8.40	79	186203	50.403	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	345846	39.512	ng		98
17) 2-Methylphenol	8.60	107	172054	54.203	ng		95
18) Hexachloroethane	9.26	117	68734	47.350	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	154463	46.249	ng		94
20) 3+4-Methylphenols	8.93	107	240361	54.988	ng		98
22) Acetophenone	9.00	105	294179	43.049	ng	#	94
24) Nitrobenzene	9.39	77	228765	51.999	ng		96
25) Isophorone	9.91	82	444025	49.204	ng		98
26) 2-Nitrophenol	10.10	139	112325	60.193	ng		96
27) 2,4-Dimethylphenol	10.14	122	198990	54.510	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	264713	47.624	ng		99
29) 2,4-Dichlorophenol	10.63	162	215504	54.015	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	214440	47.874	ng		98
31) Naphthalene	11.04	128	614676	48.704	ng		99
32) Benzoic acid	10.23	122	24115	17.213	ng		92
33) 4-Chloroaniline	11.15	127	232420	39.717	ng		97
34) Hexachlorobutadiene	11.31	225	134146	45.033	ng		97
35) Caprolactam	11.94	113	67579m	40.933	ng		
36) 4-Chloro-3-methylphenol	12.25	107	241054	52.243	ng		96
37) 2-Methylnaphthalene	12.63	142	469725	50.251	ng		98
38) 1-Methylnaphthalene	12.85	142	450485	49.995	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	258526	46.071	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	313529	102.536	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	185398	53.735	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	204087	56.439	ng		98
46) 1,1'-Biphenyl	13.63	154	633807	43.192	ng		99
47) 2-Chloronaphthalene	13.68	162	501513	45.431	ng		98
48) 2-Nitroaniline	13.89	65	177183	54.514	ng		94
49) Acenaphthylene	14.52	152	799305	47.986	ng		100
50) Dimethylphthalate	14.24	163	723662	50.805	ng		99
51) 2,6-Dinitrotoluene	14.37	165	152865	56.135	ng		95
52) Acenaphthene	14.86	154	489874	45.307	ng		99
53) 3-Nitroaniline	14.71	138	138966	48.333	ng	#	94
54) 2,4-Dinitrophenol	14.91	184	131487	99.671	ng		97
55) Dibenzofuran	15.19	168	798132	46.040	ng		100
56) 4-Nitrophenol	15.00	139	247312	94.867	ng		92
57) 2,4-Dinitrotoluene	15.15	165	214022	60.356	ng		88
58) Fluorene	15.84	166	632497	48.943	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.41	232	195376	57.705	ng		96
60) Diethylphthalate	15.59	149	670665	45.539	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	336643	46.006	ng		97
62) 4-Nitroaniline	15.87	138	163990	54.298	ng		94
63) Azobenzene	16.12	77	603804	41.947	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	115962	62.947	ng		96
66) n-Nitrosodiphenylamine	16.04	169	584083	46.122	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	223540	48.381	ng		96
68) Hexachlorobenzene	16.83	284	226526	48.866	ng		93
69) Atrazine	16.98	200	216115	46.698	ng		98
70) Pentachlorophenol	17.18	266	286796	89.015	ng		99
71) Phenanthrene	17.58	178	1034192	47.977	ng		99
72) Anthracene	17.67	178	1046792	49.301	ng		98
73) Carbazole	17.94	167	911364	43.009	ng		99
74) Di-n-butylphthalate	18.47	149	1106768	44.771	ng		98
75) Fluoranthene	19.58	202	1197645	47.868	ng		98
77) Benzidine	19.76	184	515889	38.855	ng		100
78) Pyrene	19.94	202	1194212	47.369	ng		98
80) Butylbenzylphthalate	20.81	149	511298	48.078	ng		94
81) Benzo(a)anthracene	21.81	228	1176107	49.148	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	369165	41.605	ng		97
83) Chrysene	21.88	228	1100369	48.305	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	710840	46.852	ng		99
85) Di-n-octyl phthalate	22.94	149	1213820	48.425	ng		96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1294847	52.979	ng	#	96
88) Benzo(b)fluoranthene	24.12	252	1133390	49.824	ng		99
89) Benzo(k)fluoranthene	24.20	252	1128394	49.408	ng		99
90) Benzo(a)pyrene	25.05	252	1128900	51.529	ng		99
91) Dibenzo(a,h)anthracene	29.17	278	1052314	51.290	ng		98
92) Benzo(g,h,i)perylene	30.33	276	1037355	50.727	ng		99

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

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