Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044503.D
Acq On : 20 Feb 2020 00:00
Operator : CG/JU
Sample : L1575-07MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-A-DMSD

Quant Time: Feb 20 08:13:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	60298	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	238677	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	158534	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	372342	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	377693	20.00	ng	-0.02
87) Perylene-d12	24.60	264	409008	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	451730	132.22	ng	-0.01
7) Phenol-d6	7.07	99	591804	128.99	ng	-0.01
23) Nitrobenzene-d5	9.05	82	352793	83.45	ng	-0.02
42) 2,4,6-Tribromophenol	16.03	330	267875	143.93	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	795803	84.06	ng	-0.01
79) Terphenyl-d14	19.89	244	1399309	76.20	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	65867	42.908	ng	100
3) Pyridine	3.75	79	169106	41.349	ng	99
4) n-Nitrosodimethylamine	3.66	42	82640	48.356	ng	100
6) Aniline	7.21	93	149466	26.245	ng	98
8) 2-Chlorophenol	7.46	128	202018	53.800	ng	99
9) Benzaldehyde	7.02	77	83681	32.025	ng	98
10) Phenol	7.10	94	247809	54.576	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	181032	46.635	ng	98
12) 1,3-Dichlorobenzene	7.78	146	213853	47.700	ng	98
13) 1,4-Dichlorobenzene	7.92	146	214260	48.252	ng	98
14) 1,2-Dichlorobenzene	8.24	146	201853	48.094	ng	99
15) Benzyl Alcohol	8.13	79	161376	49.682	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.42	45	236458	45.005	ng	100
17) 2-Methylphenol	8.34	107	166842	51.500	ng	99
18) Hexachloroethane	8.97	117	77635	46.592	ng	97
19) n-Nitroso-di-n-propylamine	8.69	70	138643	45.342	ng	99
20) 3+4-Methylphenols	8.67	107	225669	50.545	ng	98
22) Acetophenone	8.71	105	266188	45.845	ng	99
24) Nitrobenzene	9.09	77	198621	48.124	ng	99
25) Isophorone	9.62	82	391139	49.638	ng	99
26) 2-Nitrophenol	9.80	139	116452	54.377	ng	100
27) 2,4-Dimethylphenol	9.87	122	185659	61.415	ng	98
28) bis(2-Chloroethoxy)methane	10.10	93	240500	45.752	ng	99
29) 2,4-Dichlorophenol	10.34	162	195413	53.459	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	199120	47.507	ng	99
31) Naphthalene	10.74	128	577453	49.867	ng	100
33) 4-Chloroaniline	10.84	127	123132	23.380	ng	97
34) Hexachlorobutadiene	11.03	225	119709	46.415	ng	99
35) Caprolactam	11.62	113	86583	64.661	ng	98
36) 4-Chloro-3-methylphenol	11.98	107	211212	55.111	ng	96
37) 2-Methylnaphthalene	12.35	142	426687	49.628	ng	99
38) 1-Methylnaphthalene	12.57	142	404152	49.859	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	213187	44.955	ng	99
41) Hexachlorocyclopentadiene	12.71	237	227509	99.983	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.96	196	163236	53.253	ng	100
44) 2,4,5-Trichlorophenol	13.04	196	180353	57.605	ng	98
46) 1,1'-Biphenyl	13.36	154	543940	47.567	ng	97
47) 2-Chloronaphthalene	13.41	162	425548	46.766	ng	100
48) 2-Nitroaniline	13.61	65	131414	48.935	ng	97
49) Acenaphthylene	14.25	152	685032	51.326	ng	99
50) Dimethylphthalate	13.99	163	589256	51.708	ng	99
51) 2,6-Dinitrotoluene	14.10	165	128823	50.700	ng	95
52) Acenaphthene	14.60	154	418476	48.374	ng	99
53) 3-Nitroaniline	14.43	138	73822	26.261	ng	96
54) 2,4-Dinitrophenol	14.65	184	61667	44.680	ng	99
55) Dibenzofuran	14.93	168	657306	50.184	ng	99
56) 4-Nitrophenol	14.76	139	245810	119.374	ng	96
57) 2,4-Dinitrotoluene	14.90	165	182049	51.119	ng	95
58) Fluorene	15.58	166	529077	51.286	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	168194	59.474	ng	98
60) Diethylphthalate	15.36	149	575210	50.656	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	274238	49.027	ng	99
62) 4-Nitroaniline	15.60	138	142538	50.744	ng	96
63) Azobenzene	15.87	77	505547	50.799	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	94724	46.087	ng	97
66) n-Nitrosodiphenylamine	15.78	169	507022	48.590	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	188397	46.442	ng	99
68) Hexachlorobenzene	16.59	284	206481	45.433	ng	97
69) Atrazine	16.74	200	203751	56.969	ng	99
70) Pentachlorophenol	16.94	266	163865	71.642	ng	98
71) Phenanthrene	17.32	178	894401	49.606	ng	99
72) Anthracene	17.41	178	922295	51.740	ng	98
73) Carbazole	17.68	167	857981	52.210	ng	100
74) Di-n-butylphthalate	18.24	149	1047063	51.561	ng	99
75) Fluoranthene	19.33	202	1103949	52.928	ng	100
77) Benzidine	19.50	184	420114	40.101	ng	97
78) Pyrene	19.69	202	1106072	45.601	ng	99
80) Butylbenzylphthalate	20.58	149	503381	45.540	ng	99
81) Benzo(a)anthracene	21.50	228	1099039	47.214	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	244604	27.075	ng	99
83) Chrysene	21.57	228	1053011	46.801	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	708599	46.575	ng	98
85) Di-n-octyl phthalate	22.58	149	1251039	47.524	ng	100
86) Indeno(1,2,3-cd)pyrene	28.09	276	1374616	46.828	ng	100
88) Benzo(b)fluoranthene	23.63	252	1154310	48.977	ng	99
89) Benzo(k)fluoranthene	23.69	252	1155944	50.323	ng	100
90) Benzo(a)pyrene	24.46	252	1087689	48.811	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	1131893	51.325	ng	99
92) Benzo(g,h,i)perylene	29.18	276	1161259	52.600	ng	98

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

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