Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041006.D
Acq On : 1 Jun 2019 11:05
Operator : HP/JU
Sample : PB120082BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120082BS

Quant Time: Jun 03 01:10:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	206269	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	797332	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	602710	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	1463397	20.00	ng		0.00
76) Chrysene-d12	21.78	240	1525980	20.00	ng		0.00
87) Perylene-d12	25.13	264	1763389	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1107968	96.86	ng		0.00
7) Phenol-d6	7.28	99	1529489	86.58	ng		0.00
23) Nitrobenzene-d5	9.31	82	1382249	76.96	ng		0.00
42) 2,4,6-Tribromophenol	16.25	330	926719	103.57	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	2797018	66.83	ng		0.00
79) Terphenyl-d14	20.10	244	3962296	55.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	44018	8.480	ng		97
3) Pyridine	3.92	79	115075	7.492	ng		95
4) n-Nitrosodimethylamine	3.85	42	63154	8.859	ng		89
6) Aniline	7.45	93	134060	5.685	ng		99
8) 2-Chlorophenol	7.68	128	117217	8.595	ng		95
9) Benzaldehyde	7.26	77	54336	5.156	ng		88
10) Phenol	7.30	94	153829	8.121	ng		94
11) bis(2-Chloroethyl)ether	7.54	93	109645	7.979	ng		95
12) 1,3-Dichlorobenzene	8.00	146	133901	8.221	ng		97
13) 1,4-Dichlorobenzene	8.16	146	131339	7.966	ng		96
14) 1,2-Dichlorobenzene	8.48	146	124765	7.794	ng		98
15) Benzyl Alcohol	8.36	79	134185	8.211	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	176283	7.851	ng		98
17) 2-Methylphenol	8.55	107	112611	8.211	ng		97
18) Hexachloroethane	9.20	117	52570	8.273	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	109764	8.074	ng		98
20) 3+4-Methylphenols	8.89	107	150136	7.903	ng		98
22) Acetophenone	8.95	105	205757	9.199	ng	#	99
24) Nitrobenzene	9.35	77	169865	9.281	ng	#	96
25) Isophorone	9.86	82	305131	8.927	ng		97
26) 2-Nitrophenol	10.05	139	70087	9.289	ng	#	86
27) 2,4-Dimethylphenol	10.10	122	125884	10.101	ng		98
28) bis(2-Chloroethoxy)methane	10.34	93	156724	8.495	ng		97
29) 2,4-Dichlorophenol	10.58	162	140384	8.871	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	154355	8.574	ng		98
31) Naphthalene	11.00	128	376461	8.794	ng		99
32) Benzoic acid	10.21	122	74329	14.502	ng		91
33) 4-Chloroaniline	11.10	127	84798	4.269	ng		95
34) Hexachlorobutadiene	11.25	225	116587	8.464	ng		100
35) Caprolactam	11.89	113	44340	8.485	ng		90
36) 4-Chloro-3-methylphenol	12.21	107	155808	8.621	ng		96
37) 2-Methylnaphthalene	12.59	142	286256	8.682	ng		97
38) 1-Methylnaphthalene	12.81	142	274489	8.835	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	210824	8.679	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	241133	24.800	ng	99
43) 2,4,6-Trichlorophenol	13.19	196	132167	8.410	ng	95
44) 2,4,5-Trichlorophenol	13.26	196	141615	8.545	ng	99
46) 1,1'-Biphenyl	13.59	154	386023	8.653	ng	100
47) 2-Chloronaphthalene	13.64	162	324328	8.468	ng	99
48) 2-Nitroaniline	13.84	65	111526	8.117	ng	95
49) Acenaphthylene	14.48	152	504417	8.751	ng	99
50) Dimethylphthalate	14.20	163	426397	8.358	ng	97
51) 2,6-Dinitrotoluene	14.33	165	92567	8.415	ng	96
52) Acenaphthene	14.81	154	287493	8.233	ng	94
53) 3-Nitroaniline	14.66	138	63367	5.761	ng	97
54) 2,4-Dinitrophenol	14.86	184	93420	26.930	ng	95
55) Dibenzofuran	15.15	168	514121	8.750	ng	96
56) 4-Nitrophenol	14.96	139	143182	18.977	ng	92
57) 2,4-Dinitrotoluene	15.11	165	133934	8.619	ng	94
58) Fluorene	15.80	166	398774	8.522	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	146477	8.993	ng	99
60) Diethylphthalate	15.55	149	436116	8.376	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	250064	8.222	ng	96
62) 4-Nitroaniline	15.83	138	89032	7.645	ng	98
63) Azobenzene	16.08	77	408073	8.623	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	70066	15.926	ng	96
66) n-Nitrosodiphenylamine	16.00	169	359273	8.733	ng	98
67) 4-Bromophenyl-phenylether	16.68	248	164373	8.323	ng	97
68) Hexachlorobenzene	16.79	284	173980	8.273	ng	97
69) Atrazine	16.94	200	154941	9.761	ng	99
70) Pentachlorophenol	17.14	266	204364	21.431	ng	97
71) Phenanthrene	17.54	178	667998	8.763	ng	99
72) Anthracene	17.63	178	706824	9.402	ng	99
73) Carbazole	17.90	167	603388	9.354	ng	100
74) Di-n-butylphthalate	18.43	149	719351	8.972	ng	100
75) Fluoranthene	19.54	202	899205	9.551	ng	99
77) Benzidine	19.72	184	297768	8.180	ng	99
78) Pyrene	19.90	202	895642	9.029	ng	100
80) Butylbenzylphthalate	20.77	149	333072	8.628	ng	99
81) Benzo(a)anthracene	21.75	228	878913	8.653	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	218107	6.105	ng	97
83) Chrysene	21.83	228	847125	8.715	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	459750	8.460	ng	97
85) Di-n-octyl phthalate	22.87	149	777079	8.586	ng	100
86) Indeno(1,2,3-cd)pyrene	28.96	276	1019653	8.563	ng	100
88) Benzo(b)fluoranthene	24.04	252	881600	8.243	ng	99
89) Benzo(k)fluoranthene	24.12	252	841457	7.950	ng	99
90) Benzo(a)pyrene	24.96	252	854213	8.371	ng	97
91) Dibenzo(a,h)anthracene	29.02	278	841052	8.249	ng	99
92) Benzo(g,h,i)perylene	30.15	276	842606	8.506	ng	99

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

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