Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012820\
Data File : BG044230.D
Acq On : 28 Jan 2020 12:44
Operator : CG/JU
Sample : PB126367BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126367BS

Quant Time: Jan 28 16:06:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 28 15:57:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	76789	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	349965	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	242922	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	521383	20.00	ng	0.00
76) Chrysene-d12	21.56	240	454734	20.00	ng	0.00
87) Perylene-d12	24.67	264	495438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	541439	129.46	ng	0.00
7) Phenol-d6	7.10	99	734752	125.69	ng	0.00
23) Nitrobenzene-d5	9.09	82	449697	68.74	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	310620	122.19	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1086125	81.01	ng	0.00
79) Terphenyl-d14	19.93	244	1610588	85.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	72854	39.953	ng	96
3) Pyridine	3.79	79	177833	33.012	ng	97
4) n-Nitrosodimethylamine	3.70	42	90431	37.706	ng	97
6) Aniline	7.25	93	233978	30.473	ng	99
8) 2-Chlorophenol	7.49	128	233980	47.656	ng	97
9) Benzaldehyde	7.06	77	112414	30.045	ng	96
10) Phenol	7.13	94	290512	48.233	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	211944	40.765	ng	99
12) 1,3-Dichlorobenzene	7.82	146	234938	40.891	ng	97
13) 1,4-Dichlorobenzene	7.96	146	236940	41.797	ng	99
14) 1,2-Dichlorobenzene	8.28	146	226626	41.650	ng	96
15) Benzyl Alcohol	8.16	79	193635	41.970	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	280959	34.929	ng	99
17) 2-Methylphenol	8.38	107	205432	47.132	ng	99
18) Hexachloroethane	9.02	117	87418	39.630	ng	95
19) n-Nitroso-di-n-propylamine	8.73	70	168132	38.620	ng	97
20) 3+4-Methylphenols	8.70	107	281896	46.361	ng	98
22) Acetophenone	8.75	105	321257	36.924	ng	99
24) Nitrobenzene	9.13	77	244377	37.717	ng	99
25) Isophorone	9.65	82	470584	38.342	ng	99
26) 2-Nitrophenol	9.84	139	132883	43.349	ng	96
27) 2,4-Dimethylphenol	9.91	122	228178	49.449	ng	100
28) bis(2-Chloroethoxy)methane	10.14	93	305662	37.356	ng	99
29) 2,4-Dichlorophenol	10.38	162	242775	44.107	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	237602	38.500	ng	99
31) Naphthalene	10.78	128	703251	41.526	ng	99
32) Benzoic acid	10.06	122	90916	27.300	ng	99
33) 4-Chloroaniline	10.88	127	200445	24.815	ng	99
34) Hexachlorobutadiene	11.08	225	140774	37.360	ng	98
35) Caprolactam	11.65	113	85656	41.803	ng	96
36) 4-Chloro-3-methylphenol	12.02	107	262101	44.731	ng	100
37) 2-Methylnaphthalene	12.39	142	542547	42.553	ng	99
38) 1-Methylnaphthalene	12.61	142	515360	42.648	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	265418	37.278	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	291122	78.867	ng		98
43) 2,4,6-Trichlorophenol	13.00	196	195620	39.929	ng		96
44) 2,4,5-Trichlorophenol	13.08	196	213072	42.168	ng		98
46) 1,1'-Biphenyl	13.40	154	685693	39.369	ng		99
47) 2-Chloronaphthalene	13.44	162	544741	38.705	ng		99
48) 2-Nitroaniline	13.64	65	162817	35.964	ng		99
49) Acenaphthylene	14.29	152	861337	42.580	ng		100
50) Dimethylphthalate	14.02	163	693814	40.225	ng		100
51) 2,6-Dinitrotoluene	14.13	165	159055	40.799	ng		98
52) Acenaphthene	14.63	154	532602	37.544	ng		98
53) 3-Nitroaniline	14.46	138	128399	29.003	ng		98
54) 2,4-Dinitrophenol	14.67	184	133507	68.096	ng		99
55) Dibenzofuran	14.97	168	843075	43.171	ng		98
56) 4-Nitrophenol	14.79	139	275958	81.343	ng		95
57) 2,4-Dinitrotoluene	14.92	165	222600	41.962	ng		98
58) Fluorene	15.61	166	663041	42.836	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	192223	44.241	ng		96
60) Diethylphthalate	15.38	149	704380	40.829	ng		99
61) 4-Chlorophenyl-phenylether	15.61	204	350332	41.682	ng		99
62) 4-Nitroaniline	15.63	138	159665	36.521	ng		98
63) Azobenzene	15.90	77	645766	40.362	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	119422	44.780	ng		99
66) n-Nitrosodiphenylamine	15.82	169	615639	40.096	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	228428	38.955	ng		99
68) Hexachlorobenzene	16.62	284	244716	38.729	ng		99
69) Atrazine	16.77	200	227680	45.619	ng		98
70) Pentachlorophenol	16.97	266	251690	72.260	ng		100
71) Phenanthrene	17.35	178	1034255	41.357	ng		99
72) Anthracene	17.44	178	1054834	42.680	ng		99
73) Carbazole	17.71	167	938284	41.099	ng		99
74) Di-n-butylphthalate	18.28	149	1172540	40.227	ng		100
75) Fluoranthene	19.36	202	1195604	41.804	ng		99
77) Benzidine	19.54	184	352023	30.798	ng		100
78) Pyrene	19.72	202	1204621	40.584	ng		99
80) Butylbenzylphthalate	20.61	149	540516	38.249	ng		97
81) Benzo(a)anthracene	21.54	228	1153999	40.927	ng		99
82) 3,3'-Dichlorobenzidine	21.46	252	368488	33.078	ng		100
83) Chrysene	21.61	228	1109228	41.401	ng		98
84) Bis(2-ethylhexyl)phthalate	21.46	149	764652	39.216	ng		99
85) Di-n-octyl phthalate	22.64	149	1347705	41.113	ng		99
86) Indeno(1,2,3-cd)pyrene	28.19	276	1425514	39.151	ng	#	92
88) Benzo(b)fluoranthene	23.68	252	1208627	41.265	ng		98
89) Benzo(k)fluoranthene	23.75	252	1205959	43.299	ng		99
90) Benzo(a)pyrene	24.52	252	1130484	40.895	ng		99
91) Dibenzo(a,h)anthracene	28.25	278	1183262	42.621	ng		100
92) Benzo(g,h,i)perylene	29.29	276	1202742	43.614	ng		99

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

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