Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
Data File : BG041401.D
Acq On : 22 Jun 2019 13:48
Operator : HP/JU
Sample : PB120652BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120652BS

Quant Time: Jun 24 02:38:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26083	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	90695	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	67099	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	195238	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	224091	20.00	ng	-0.03
87) Perylene-d12	25.00	264	219115	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	200160	141.00	ng	-0.03
7) Phenol-d6	7.21	99	277654	134.94	ng	-0.03
23) Nitrobenzene-d5	9.23	82	197205	91.45	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	165564	160.72	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	453065	91.77	ng	-0.03
79) Terphenyl-d14	20.04	244	1019892	90.20	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	23896	33.570	ng	97
3) Pyridine	3.84	79	62232	32.955	ng	93
4) n-Nitrosodimethylamine	3.76	42	42002	41.709	ng	89
6) Aniline	7.37	93	74429	26.023	ng	98
8) 2-Chlorophenol	7.61	128	74141	44.450	ng	95
9) Benzaldehyde	7.19	77	19996	15.194	ng	93
10) Phenol	7.24	94	95645	43.225	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	67770	40.366	ng	98
12) 1,3-Dichlorobenzene	7.93	146	84328	40.378	ng	93
13) 1,4-Dichlorobenzene	8.08	146	87245	40.896	ng	99
14) 1,2-Dichlorobenzene	8.40	146	82260	40.370	ng	94
15) Benzyl Alcohol	8.30	79	75548	38.321	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	100879	36.705	ng	100
17) 2-Methylphenol	8.50	107	69904	44.189	ng	92
18) Hexachloroethane	9.13	117	32603	38.566	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	62823	37.749	ng	98
20) 3+4-Methylphenols	8.82	107	93954	44.615	ng	95
22) Acetophenone	8.88	105	122961	46.590	ng	95
24) Nitrobenzene	9.27	77	98968	45.631	ng	97
25) Isophorone	9.79	82	178137	45.025	ng	98
26) 2-Nitrophenol	9.98	139	43911	49.939	ng	91
27) 2,4-Dimethylphenol	10.04	122	69021	52.367	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	92723	44.979	ng	96
29) 2,4-Dichlorophenol	10.52	162	83081	50.837	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	95614	45.682	ng	97
31) Naphthalene	10.92	128	230395	46.741	ng	99
32) Benzoic acid	10.19	122	46574	54.282	ng	97
33) 4-Chloroaniline	11.04	127	51021	24.372	ng	96
34) Hexachlorobutadiene	11.18	225	70512	42.442	ng	99
35) Caprolactam	11.83	113	29313m	52.101	ng	
36) 4-Chloro-3-methylphenol	12.16	107	96384	51.059	ng	98
37) 2-Methylnaphthalene	12.52	142	171962	47.367	ng	98
38) 1-Methylnaphthalene	12.74	142	161319	46.444	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	124059	44.775	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	159187	85.294 ng		98
43) 2,4,6-Trichlorophenol	13.13	196	81999	47.841 ng		100
44) 2,4,5-Trichlorophenol	13.21	196	89248	50.606 ng		98
46) 1,1'-Biphenyl	13.53	154	234723	46.272 ng		99
47) 2-Chloronaphthalene	13.57	162	192250	44.021 ng		98
48) 2-Nitroaniline	13.79	65	70809	44.271 ng		92
49) Acenaphthylene	14.42	152	306918	46.312 ng		99
50) Dimethylphthalate	14.14	163	275129	46.084 ng		99
51) 2,6-Dinitrotoluene	14.28	165	61080	48.521 ng		93
52) Acenaphthene	14.75	154	176536	45.364 ng		94
53) 3-Nitroaniline	14.61	138	38417	30.975 ng		94
54) 2,4-Dinitrophenol	14.82	184	92551	100.901 ng		86
55) Dibenzofuran	15.09	168	320139	47.315 ng		98
56) 4-Nitrophenol	14.92	139	99896	104.978 ng		93
57) 2,4-Dinitrotoluene	15.06	165	91042	49.475 ng	#	97
58) Fluorene	15.73	166	255578	48.018 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	97367	53.388 ng		99
60) Diethylphthalate	15.49	149	292109	48.137 ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	158881	45.880 ng		97
62) 4-Nitroaniline	15.78	138	60648	45.720 ng		97
63) Azobenzene	16.02	77	251239	46.409 ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	61678	48.671 ng		98
66) n-Nitrosodiphenylamine	15.94	169	238702	46.045 ng		99
67) 4-Bromophenyl-phenylether	16.62	248	108024	42.790 ng		95
68) Hexachlorobenzene	16.73	284	112764	41.713 ng		95
69) Atrazine	16.89	200	114130	Below Cal		97
70) Pentachlorophenol	17.09	266	147063	106.240 ng		99
71) Phenanthrene	17.48	178	478140	45.919 ng		99
72) Anthracene	17.57	178	486549	47.396 ng		99
73) Carbazole	17.85	167	447762	49.861 ng		99
74) Di-n-butylphthalate	18.37	149	548213	48.926 ng		98
75) Fluoranthene	19.48	202	680759	49.211 ng		98
77) Benzidine	19.67	184	196525	36.258 ng		99
78) Pyrene	19.85	202	678097	44.869 ng		100
80) Butylbenzylphthalate	20.71	149	265656	46.473 ng		97
81) Benzo(a)anthracene	21.69	228	673816	44.409 ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	168866	31.704 ng		98
83) Chrysene	21.76	228	666357	45.667 ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	373245	47.912 ng		98
85) Di-n-octyl phthalate	22.78	149	640688	48.611 ng		98
86) Indeno(1,2,3-cd)pyrene	28.79	276	804722	46.484 ng	#	98
88) Benzo(b)fluoranthene	23.95	252	686043	50.521 ng		99
89) Benzo(k)fluoranthene	24.02	252	675163	50.190 ng		100
90) Benzo(a)pyrene	24.85	252	667480	52.047 ng		99
91) Dibenzo(a,h)anthracene	28.85	278	670692	51.947 ng		98
92) Benzo(g,h,i)perylene	29.99	276	671085	52.595 ng		98

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

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