Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
Data File : BG040383.D
Acq On : 5 Apr 2019 19:06
Operator : JU/SJ
Sample : PB118644BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118644BSD

Quant Time: Apr 05 23:37:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55234	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	231711	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	142069	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	342645	20.00	ng		-0.02
76) Chrysene-d12	21.69	240	376333	20.00	ng		-0.04
87) Perylene-d12	24.97	264	371932	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	449289	135.23	ng		-0.02
7) Phenol-d6	7.21	99	607851	132.38	ng		-0.02
23) Nitrobenzene-d5	9.22	82	335656	77.00	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	213650	139.15	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	748442	78.06	ng		-0.02
79) Terphenyl-d14	20.02	244	1231307	73.61	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	85920	54.996	ng		99
3) Pyridine	3.89	79	158295	37.632	ng		99
4) n-Nitrosodimethylamine	3.82	42	76063	39.092	ng	#	93
6) Aniline	7.38	93	163087	27.337	ng		95
8) 2-Chlorophenol	7.61	128	164595	42.320	ng		97
9) Benzaldehyde	7.19	77	45448	14.429	ng		92
10) Phenol	7.23	94	217566	43.653	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	154471	38.696	ng		99
12) 1,3-Dichlorobenzene	7.93	146	170670	40.367	ng		95
13) 1,4-Dichlorobenzene	8.08	146	170036	40.379	ng		98
14) 1,2-Dichlorobenzene	8.40	146	162462	40.344	ng		98
15) Benzyl Alcohol	8.29	79	143788	38.883	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	292422	38.169	ng		99
17) 2-Methylphenol	8.49	107	146420	42.455	ng		96
18) Hexachloroethane	9.12	117	62207	38.837	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	122266	37.138	ng		98
20) 3+4-Methylphenols	8.81	107	202095	43.256	ng		100
22) Acetophenone	8.87	105	242743	41.997	ng		98
24) Nitrobenzene	9.26	77	186325	41.276	ng		98
25) Isophorone	9.77	82	350754	39.105	ng		98
26) 2-Nitrophenol	9.97	139	89610	41.893	ng		97
27) 2,4-Dimethylphenol	10.02	122	163277	48.056	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	215372	40.585	ng		99
29) 2,4-Dichlorophenol	10.50	162	161986	43.923	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	171372	42.320	ng		98
31) Naphthalene	10.91	128	497432	41.882	ng		98
32) Benzoic acid	10.15	122	60407	29.426	ng		93
33) 4-Chloroaniline	11.02	127	131208	25.899	ng		98
34) Hexachlorobutadiene	11.17	225	100890	38.956	ng		95
35) Caprolactam	11.81	113	56506	38.610	ng		92
36) 4-Chloro-3-methylphenol	12.14	107	179555	42.351	ng		97
37) 2-Methylnaphthalene	12.51	142	369406	42.055	ng		99
38) 1-Methylnaphthalene	12.73	142	350827	41.188	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	186897	41.391	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	211393	85.263 ng	97
43) 2,4,6-Trichlorophenol	13.11	196	130175	44.714 ng	94
44) 2,4,5-Trichlorophenol	13.19	196	135515	42.706 ng	97
46) 1,1'-Biphenyl	13.51	154	466531	41.561 ng	97
47) 2-Chloronaphthalene	13.56	162	363893	42.261 ng	99
48) 2-Nitroaniline	13.77	65	120397	41.453 ng	99
49) Acenaphthylene	14.40	152	592063	40.555 ng	99
50) Dimethylphthalate	14.13	163	458042	41.195 ng	99
51) 2,6-Dinitrotoluene	14.26	165	103577	41.487 ng	96
52) Acenaphthene	14.74	154	345626	41.316 ng	99
53) 3-Nitroaniline	14.60	138	77931	29.489 ng	97
54) 2,4-Dinitrophenol	14.80	184	103408	77.883 ng	94
55) Dibenzofuran	15.07	168	569311	42.353 ng	100
56) 4-Nitrophenol	14.90	139	175118	82.103 ng	97
57) 2,4-Dinitrotoluene	15.04	165	149360	43.055 ng	99
58) Fluorene	15.72	166	437896	41.435 ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	130499	45.320 ng	100
60) Diethylphthalate	15.48	149	472745	41.550 ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	239007	42.309 ng	96
62) 4-Nitroaniline	15.76	138	120646	42.540 ng	95
63) Azobenzene	16.00	77	437815	40.794 ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	82523	42.868 ng	91
66) n-Nitrosodiphenylamine	15.93	169	413073	41.197 ng	97
67) 4-Bromophenyl-phenylether	16.60	248	155462	40.317 ng	95
68) Hexachlorobenzene	16.72	284	156412	40.344 ng	97
69) Atrazine	16.87	200	154241	41.353 ng	96
70) Pentachlorophenol	17.06	266	168166	75.026 ng	93
71) Phenanthrene	17.46	178	755680	41.959 ng	98
72) Anthracene	17.56	178	767861	42.596 ng	100
73) Carbazole	17.83	167	742084	43.498 ng	100
74) Di-n-butylphthalate	18.36	149	857099	42.384 ng	99
75) Fluoranthene	19.47	202	955683	44.813 ng	99
77) Benzidine	19.66	184	354790	26.107 ng	99
78) Pyrene	19.83	202	975420	39.414 ng	100
80) Butylbenzylphthalate	20.70	149	432496	40.840 ng	96
81) Benzo(a)anthracene	21.67	228	930907	40.160 ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	265482	30.107 ng	99
83) Chrysene	21.74	228	918094	41.212 ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	612461	40.458 ng	99
85) Di-n-octyl phthalate	22.76	149	1059376	41.074 ng	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1142154	41.919 ng	100
88) Benzo(b)fluoranthene	23.92	252	1003998	44.091 ng	98
89) Benzo(k)fluoranthene	23.99	252	969606	46.303 ng	98
90) Benzo(a)pyrene	24.81	252	984245	46.068 ng	99
91) Dibenzo(a,h)anthracene	28.80	278	929085	46.822 ng	99
92) Benzo(g,h,i)perylene	29.91	276	956310	46.894 ng	97

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

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