Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG053019\
Data File : BG040946.D
Acq On : 30 May 2019 11:19
Operator : HP/JU
Sample : PB119943BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119943BS

Quant Time: May 30 15:09:21 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	53586	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	225069	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	170925	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	459327	20.00	ng		0.00
76) Chrysene-d12	21.78	240	444559	20.00	ng		0.00
87) Perylene-d12	25.11	264	466196	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	389234	130.98	ng		0.00
7) Phenol-d6	7.27	99	541555	118.00	ng		0.00
23) Nitrobenzene-d5	9.30	82	415395	81.93	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	306240	120.69	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	947681	79.85	ng		0.00
79) Terphenyl-d14	20.09	244	1767806	84.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	48771	36.167	ng		97
3) Pyridine	3.93	79	126978	31.823	ng		99
4) n-Nitrosodimethylamine	3.85	42	70885	38.277	ng	#	82
6) Aniline	7.45	93	151368	24.709	ng		98
8) 2-Chlorophenol	7.68	128	136306	38.474	ng		96
9) Benzaldehyde	7.26	77	137205	50.116	ng		93
10) Phenol	7.29	94	187680	38.140	ng		99
11) bis(2-Chloroethyl)ether	7.54	93	124002	34.736	ng		99
12) 1,3-Dichlorobenzene	8.01	146	143323	33.871	ng		99
13) 1,4-Dichlorobenzene	8.16	146	144193	33.665	ng		97
14) 1,2-Dichlorobenzene	8.48	146	136592	32.845	ng		97
15) Benzyl Alcohol	8.36	79	154857	36.476	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	197465	33.851	ng		98
17) 2-Methylphenol	8.56	107	132564	37.207	ng		98
18) Hexachloroethane	9.21	117	54642	33.100	ng		93
19) n-Nitroso-di-n-propylamine	8.93	70	120499	34.118	ng		97
20) 3+4-Methylphenols	8.88	107	182416	36.961	ng		99
22) Acetophenone	8.95	105	223553	35.408	ng		99
24) Nitrobenzene	9.35	77	185673	35.937	ng		98
25) Isophorone	9.86	82	336483	34.875	ng		99
26) 2-Nitrophenol	10.06	139	79715	37.426	ng		88
27) 2,4-Dimethylphenol	10.10	122	147250	41.859	ng		98
28) bis(2-Chloroethoxy)methane	10.34	93	177193	34.027	ng		96
29) 2,4-Dichlorophenol	10.58	162	165496	37.048	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	171710	33.790	ng		95
31) Naphthalene	11.00	128	426177	35.267	ng		99
32) Benzoic acid	10.22	122	94258	36.753	ng		95
33) 4-Chloroaniline	11.11	127	122370	21.825	ng		94
34) Hexachlorobutadiene	11.26	225	124991	32.146	ng		97
35) Caprolactam	11.89	113	55451	37.590	ng		97
36) 4-Chloro-3-methylphenol	12.21	107	199477	39.100	ng		97
37) 2-Methylnaphthalene	12.59	142	327556	35.195	ng		99
38) 1-Methylnaphthalene	12.81	142	312680	35.652	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	237814	34.520	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	270753	73.821	ng	96
43) 2,4,6-Trichlorophenol	13.19	196	164464	36.903	ng	97
44) 2,4,5-Trichlorophenol	13.26	196	183938	39.134	ng	97
46) 1,1'-Biphenyl	13.59	154	455457	35.998	ng	100
47) 2-Chloronaphthalene	13.64	162	373981	34.431	ng	98
48) 2-Nitroaniline	13.85	65	143341	36.786	ng	95
49) Acenaphthylene	14.48	152	597183	36.530	ng	100
50) Dimethylphthalate	14.20	163	510092	35.254	ng	100
51) 2,6-Dinitrotoluene	14.33	165	115166	36.917	ng	97
52) Acenaphthene	14.82	154	343604	34.696	ng	95
53) 3-Nitroaniline	14.66	138	80764	25.890	ng	96
54) 2,4-Dinitrophenol	14.87	184	130627	80.250	ng	94
55) Dibenzofuran	15.15	168	612143	36.735	ng	96
56) 4-Nitrophenol	14.96	139	180203	84.219	ng	89
57) 2,4-Dinitrotoluene	15.11	165	166126	37.699	ng	96
58) Fluorene	15.80	166	478560	36.061	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	184227	39.884	ng	99
60) Diethylphthalate	15.56	149	537688	36.414	ng	100
61) 4-Chlorophenyl-phenylether	15.78	204	303660	35.204	ng	96
62) 4-Nitroaniline	15.83	138	115156	34.869	ng	97
63) Azobenzene	16.08	77	494981	36.882	ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	94979	40.272	ng	99
66) n-Nitrosodiphenylamine	16.00	169	450812	34.914	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	203003	32.749	ng	95
68) Hexachlorobenzene	16.79	284	211085	31.979	ng	97
69) Atrazine	16.94	200	189562	38.047	ng	97
70) Pentachlorophenol	17.14	266	254721	72.460	ng	95
71) Phenanthrene	17.54	178	841172	35.158	ng	98
72) Anthracene	17.64	178	861780	36.521	ng	99
73) Carbazole	17.91	167	733643	36.234	ng	98
74) Di-n-butylphthalate	18.43	149	868371	34.507	ng	99
75) Fluoranthene	19.54	202	1069702	36.197	ng	99
77) Benzidine	19.73	184	742609	70.024	ng	98
78) Pyrene	19.90	202	1061113	36.718	ng	100
80) Butylbenzylphthalate	20.77	149	398222	35.409	ng	96
81) Benzo(a)anthracene	21.75	228	1030549	34.825	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	247825	23.810	ng	98
83) Chrysene	21.82	228	1004390	35.467	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	545452	34.453	ng	98
85) Di-n-octyl phthalate	22.87	149	931885	35.343	ng	99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1194037	34.420	ng	93
88) Benzo(b)fluoranthene	24.05	252	1038936	36.742	ng	99
89) Benzo(k)fluoranthene	24.12	252	1012333	36.179	ng	98
90) Benzo(a)pyrene	24.96	252	1015271	37.634	ng	96
91) Dibenzo(a,h)anthracene	29.02	278	993074	36.840	ng	99
92) Benzo(g,h,i)perylene	30.16	276	969410	37.016	ng	98

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

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