Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
Data File : BG040379.D
Acq On : 5 Apr 2019 16:25
Operator : JU/SJ
Sample : PB118645BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118645BS

Manual Integrations APPROVED
Sohil
4/8/2019 10:02:02 AM

Quant Time: Apr 06 00:11:24 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	97773	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	400208	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	244827	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	579067	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	604518	20.00	ng		-0.03
87) Perylene-d12	24.97	264	588710	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	452581	76.95	ng		-0.02
7) Phenol-d6	7.21	99	638537	78.56	ng		-0.02
23) Nitrobenzene-d5	9.23	82	596767	79.26	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	238285	90.06	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	1294473	78.35	ng		-0.02
79) Terphenyl-d14	20.03	244	2048483	76.23	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	105331	38.087	ng		97
3) Pyridine	3.90	79	276215	37.096	ng		100
4) n-Nitrosodimethylamine	3.83	42	132705	38.529	ng	#	88
6) Aniline	7.38	93	406066	38.452	ng		99
8) 2-Chlorophenol	7.61	128	268700	39.028	ng		94
9) Benzaldehyde	7.19	77	158120	28.360	ng		98
10) Phenol	7.23	94	356646	40.425	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	275439	38.979	ng		99
12) 1,3-Dichlorobenzene	7.94	146	294989	39.415	ng		95
13) 1,4-Dichlorobenzene	8.08	146	296114	39.725	ng		98
14) 1,2-Dichlorobenzene	8.40	146	279554	39.217	ng		99
15) Benzyl Alcohol	8.29	79	249927	38.180	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	510298	37.628	ng		99
17) 2-Methylphenol	8.49	107	241457	39.551	ng		97
18) Hexachloroethane	9.12	117	108767	38.361	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	215335	36.950	ng		95
20) 3+4-Methylphenols	8.82	107	330204	39.926	ng		99
22) Acetophenone	8.88	105	427127	42.785	ng	#	97
24) Nitrobenzene	9.27	77	319789	41.015	ng		98
25) Isophorone	9.78	82	620003	40.021	ng		98
26) 2-Nitrophenol	9.97	139	158664	42.947	ng		96
27) 2,4-Dimethylphenol	10.02	122	242057	41.248	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	378172	41.260	ng		98
29) 2,4-Dichlorophenol	10.51	162	274170	43.043	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	297401	42.521	ng		99
31) Naphthalene	10.91	128	852792	41.572	ng		99
32) Benzoic acid	10.19	122	138383	39.029	ng		89
33) 4-Chloroaniline	11.03	127	373649	42.702	ng		98
34) Hexachlorobutadiene	11.17	225	180160	40.276	ng		95
35) Caprolactam	11.82	113	100339m	39.695	ng		
36) 4-Chloro-3-methylphenol	12.14	107	308033	42.065	ng		99
37) 2-Methylnaphthalene	12.51	142	644987	42.513	ng		99
38) 1-Methylnaphthalene	12.73	142	607171	41.271	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	325257	41.799	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	365338	85.507 ng	96
43) 2,4,6-Trichlorophenol	13.12	196	222973	44.444 ng	96
44) 2,4,5-Trichlorophenol	13.19	196	240796	44.035 ng	98
46) 1,1'-Biphenyl	13.51	154	796042	41.151 ng	100
47) 2-Chloronaphthalene	13.56	162	623914	42.047 ng	99
48) 2-Nitroaniline	13.78	65	211824	42.321 ng	96
49) Acenaphthylene	14.40	152	992233	39.439 ng	99
50) Dimethylphthalate	14.13	163	783742	40.903 ng	99
51) 2,6-Dinitrotoluene	14.26	165	185289	43.067 ng	98
52) Acenaphthene	14.74	154	585982	40.648 ng	98
53) 3-Nitroaniline	14.60	138	191454	42.039 ng	97
54) 2,4-Dinitrophenol	14.80	184	222361	97.182 ng	94
55) Dibenzofuran	15.08	168	959156	41.406 ng	99
56) 4-Nitrophenol	14.90	139	309997	84.339 ng	97
57) 2,4-Dinitrotoluene	15.05	165	263565	44.088 ng	99
58) Fluorene	15.73	166	750488	41.208 ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	216321	43.593 ng	98
60) Diethylphthalate	15.49	149	815285	41.580 ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	410294	42.146 ng	99
62) 4-Nitroaniline	15.77	138	215071	44.005 ng	99
63) Azobenzene	16.01	77	746345	40.354 ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	161540	49.654 ng	97
66) n-Nitrosodiphenylamine	15.93	169	695236	41.029 ng	98
67) 4-Bromophenyl-phenylether	16.61	248	271913	41.727 ng	98
68) Hexachlorobenzene	16.72	284	278177	42.456 ng	98
69) Atrazine	16.87	200	221426	35.128 ng	98
70) Pentachlorophenol	17.07	266	299728	79.125 ng	97
71) Phenanthrene	17.47	178	1241689	40.796 ng	99
72) Anthracene	17.56	178	1261270	41.401 ng	98
73) Carbazole	17.84	167	1203021	41.726 ng	99
74) Di-n-butylphthalate	18.36	149	1409261	41.236 ng	99
75) Fluoranthene	19.47	202	1530890	42.476 ng	97
77) Benzidine	19.66	184	931476	42.670 ng	99
78) Pyrene	19.84	202	1537218	38.668 ng	96
80) Butylbenzylphthalate	20.70	149	709200	41.690 ng	98
81) Benzo(a)anthracene	21.68	228	1540937	41.384 ng	96
82) 3,3'-Dichlorobenzidine	21.60	252	592976	41.864 ng	100
83) Chrysene	21.75	228	1444428	40.364 ng	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	1003290	41.259 ng	99
85) Di-n-octyl phthalate	22.76	149	1721825	41.560 ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1853028	42.338 ng	100
88) Benzo(b)fluoranthene	23.93	252	1609885	44.666 ng	98
89) Benzo(k)fluoranthene	24.00	252	1526688	46.060 ng	98
90) Benzo(a)pyrene	24.83	252	1573622	46.532 ng	98
91) Dibenzo(a,h)anthracene	28.81	278	1520511	48.411 ng	98
92) Benzo(g,h,i)perylene	29.94	276	1540383	47.721 ng	99

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

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