Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
Data File : BG040855.D
Acq On : 10 May 2019 21:19
Operator : HP/JU
Sample : PB119611BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119611BS

Quant Time: May 11 06:14:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	53048	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	218777	20.00	ng		-0.02
39) Acenaphthene-d10	14.76	164	162885	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	424088	20.00	ng		-0.03
76) Chrysene-d12	21.80	240	438655	20.00	ng		-0.03
87) Perylene-d12	25.14	264	408731	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	442534	147.05	ng		-0.01
7) Phenol-d6	7.28	99	640323	138.19	ng		-0.02
23) Nitrobenzene-d5	9.31	82	382684	80.82	ng		-0.03
42) 2,4,6-Tribromophenol	16.26	330	350444	156.53	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	864529	76.65	ng		-0.03
79) Terphenyl-d14	20.11	244	1672067	84.45	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	39882	29.141	ng		95
3) Pyridine	3.94	79	109381	27.573	ng		96
4) n-Nitrosodimethylamine	3.86	42	73138	33.239	ng		91
6) Aniline	7.46	93	185334	30.177	ng		97
8) 2-Chlorophenol	7.69	128	144998	39.460	ng		97
9) Benzaldehyde	7.27	77	89086	29.614	ng		95
10) Phenol	7.30	94	198298	39.812	ng		96
11) bis(2-Chloroethyl)ether	7.55	93	132428	35.455	ng		95
12) 1,3-Dichlorobenzene	8.02	146	146096	36.426	ng		96
13) 1,4-Dichlorobenzene	8.17	146	151215	37.192	ng		96
14) 1,2-Dichlorobenzene	8.49	146	146197	37.285	ng		99
15) Benzyl Alcohol	8.37	79	167334	34.708	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	219992	29.584	ng		96
17) 2-Methylphenol	8.57	107	139164	39.480	ng		90
18) Hexachloroethane	9.22	117	57575	34.521	ng		98
19) n-Nitroso-di-n-propylamine	8.94	70	133861	32.093	ng		91
20) 3+4-Methylphenols	8.89	107	193347	39.375	ng		97
22) Acetophenone	8.97	105	241036	39.620	ng	#	95
24) Nitrobenzene	9.35	77	199543	39.500	ng		94
25) Isophorone	9.87	82	385129	36.516	ng		97
26) 2-Nitrophenol	10.07	139	86084	47.538	ng		93
27) 2,4-Dimethylphenol	10.11	122	156256	45.990	ng		97
28) bis(2-Chloroethoxy)methane	10.35	93	200347	37.862	ng		98
29) 2,4-Dichlorophenol	10.59	162	178258	46.149	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	181798	42.442	ng		94
31) Naphthalene	11.01	128	458507	39.448	ng		99
32) Benzoic acid	10.23	122	102629m	44.124	ng		
33) 4-Chloroaniline	11.12	127	123117	23.891	ng		95
34) Hexachlorobutadiene	11.27	225	135175	42.745	ng		99
35) Caprolactam	11.90	113	58844m	38.586	ng		
36) 4-Chloro-3-methylphenol	12.21	107	202883	41.636	ng		99
37) 2-Methylnaphthalene	12.60	142	352334	40.544	ng		98
38) 1-Methylnaphthalene	12.82	142	333891	39.308	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	247518	40.792	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	327913	91.582	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	168803	46.035	ng		98
44) 2,4,5-Trichlorophenol	13.27	196	179368	44.904	ng		97
46) 1,1'-Biphenyl	13.60	154	476937	37.713	ng		94
47) 2-Chloronaphthalene	13.65	162	389677	39.373	ng		97
48) 2-Nitroaniline	13.85	65	149223	42.357	ng		98
49) Acenaphthylene	14.49	152	620057	36.927	ng		99
50) Dimethylphthalate	14.21	163	542375	39.798	ng		99
51) 2,6-Dinitrotoluene	14.34	165	118702	44.628	ng		90
52) Acenaphthene	14.83	154	365074	37.333	ng		97
53) 3-Nitroaniline	14.68	138	87847	32.234	ng	#	90
54) 2,4-Dinitrophenol	14.88	184	172342	111.827	ng		88
55) Dibenzofuran	15.16	168	627879	39.201	ng		99
56) 4-Nitrophenol	14.96	139	196027	82.952	ng		96
57) 2,4-Dinitrotoluene	15.12	165	173940	48.126	ng	#	89
58) Fluorene	15.81	166	502131	38.787	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	186369	46.354	ng		97
60) Diethylphthalate	15.57	149	559663	38.922	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	313654	41.657	ng		99
62) 4-Nitroaniline	15.84	138	120682	39.587	ng		89
63) Azobenzene	16.09	77	515313	34.799	ng		95
65) 4,6-Dinitro-2-methylphenol	15.88	198	108643	51.402	ng		87
66) n-Nitrosodiphenylamine	16.02	169	467974	37.507	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	208731	39.506	ng		97
68) Hexachlorobenzene	16.80	284	216592	39.646	ng		95
69) Atrazine	16.95	200	198425	40.139	ng		97
70) Pentachlorophenol	17.15	266	287363	89.888	ng		99
71) Phenanthrene	17.56	178	855499	37.452	ng		99
72) Anthracene	17.64	178	876032	38.154	ng		99
73) Carbazole	17.91	167	767600	36.694	ng		99
74) Di-n-butylphthalate	18.45	149	915622	36.264	ng		99
75) Fluoranthene	19.55	202	1120178	39.352	ng		99
77) Benzidine	19.73	184	366717	30.533	ng		100
78) Pyrene	19.92	202	1106725	40.255	ng		99
80) Butylbenzylphthalate	20.78	149	430372	40.164	ng		96
81) Benzo(a)anthracene	21.77	228	1092600	39.411	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	354750	35.901	ng		97
83) Chrysene	21.84	228	1086471	41.208	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	593593	38.376	ng		99
85) Di-n-octyl phthalate	22.90	149	1001894	38.460	ng		96
86) Indeno(1,2,3-cd)pyrene	28.99	276	1284534	40.296	ng	#	90
88) Benzo(b)fluoranthene	24.07	252	1119890	44.837	ng	#	97
89) Benzo(k)fluoranthene	24.14	252	1066327	45.714	ng	#	95
90) Benzo(a)pyrene	24.99	252	1081147	45.728	ng		99
91) Dibenzo(a,h)anthracene	29.07	278	1074604	44.914	ng		99
92) Benzo(g,h,i)perylene	30.21	276	1073300	45.074	ng		99

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

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