Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG043019\
Data File : BG040677.D
Acq On : 30 Apr 2019 18:26
Operator : JU/SJ
Sample : PB119042BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119042BS

Quant Time: Apr 30 22:44:25 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	8.15	152	37404	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	151236	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	109018	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	291306	20.00	ng		-0.01
76) Chrysene-d12	21.80	240	304747	20.00	ng		-0.02
87) Perylene-d12	25.16	264	290074	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	324173	152.78	ng		0.00
7) Phenol-d6	7.29	99	470412	143.98	ng		0.00
23) Nitrobenzene-d5	9.32	82	275404	84.14	ng		-0.01
42) 2,4,6-Tribromophenol	16.26	330	230115	153.57	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	585576	77.57	ng		-0.01
79) Terphenyl-d14	20.11	244	1228820	89.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	36413	37.734	ng		97
3) Pyridine	3.95	79	96530	34.511	ng		98
4) n-Nitrosodimethylamine	3.87	42	59224	38.173	ng	#	98
6) Aniline	7.47	93	118272	27.312	ng		97
8) 2-Chlorophenol	7.70	128	105546	40.737	ng		95
9) Benzaldehyde	7.29	77	78985	40.423	ng		97
10) Phenol	7.32	94	146499	41.714	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	96115	36.496	ng		98
12) 1,3-Dichlorobenzene	8.03	146	105187	37.196	ng		98
13) 1,4-Dichlorobenzene	8.19	146	105433	36.777	ng		97
14) 1,2-Dichlorobenzene	8.50	146	100543	36.367	ng		99
15) Benzyl Alcohol	8.38	79	123318	36.276	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	177839	33.917	ng		98
17) 2-Methylphenol	8.57	107	99884	40.188	ng		92
18) Hexachloroethane	9.23	117	40769	34.668	ng		90
19) n-Nitroso-di-n-propylamine	8.95	70	97245	33.065	ng		98
20) 3+4-Methylphenols	8.90	107	137200	39.626	ng		97
22) Acetophenone	8.98	105	172929	41.120	ng	#	96
24) Nitrobenzene	9.37	77	146922	42.072	ng		96
25) Isophorone	9.88	82	268063	36.768	ng		99
26) 2-Nitrophenol	10.08	139	55444	44.292	ng		90
27) 2,4-Dimethylphenol	10.12	122	111395	47.428	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	136319	37.267	ng		97
29) 2,4-Dichlorophenol	10.61	162	116430	43.604	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	120664	40.750	ng		97
31) Naphthalene	11.02	128	318239	39.608	ng		99
32) Benzoic acid	10.22	122	72635	45.175	ng		96
33) 4-Chloroaniline	11.13	127	84348	23.677	ng		95
34) Hexachlorobutadiene	11.29	225	89139	40.776	ng		97
35) Caprolactam	11.90	113	42496	40.311	ng		95
36) 4-Chloro-3-methylphenol	12.23	107	141484	42.003	ng		98
37) 2-Methylnaphthalene	12.62	142	242976	40.446	ng		100
38) 1-Methylnaphthalene	12.83	142	229682	39.116	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	163104	40.162	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	191560	79.935	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	110458	45.008	ng		96
44) 2,4,5-Trichlorophenol	13.28	196	118341	44.264	ng		98
46) 1,1'-Biphenyl	13.61	154	326753	38.604	ng		98
47) 2-Chloronaphthalene	13.66	162	263262	39.743	ng		98
48) 2-Nitroaniline	13.87	65	110008	46.655	ng		98
49) Acenaphthylene	14.50	152	427042	37.998	ng		99
50) Dimethylphthalate	14.23	163	371851	40.767	ng		99
51) 2,6-Dinitrotoluene	14.35	165	79520	44.669	ng		93
52) Acenaphthene	14.84	154	251837	38.479	ng		95
53) 3-Nitroaniline	14.68	138	55544	30.451	ng	#	95
54) 2,4-Dinitrophenol	14.88	184	92331	90.913	ng	#	85
55) Dibenzofuran	15.18	168	433195	40.410	ng		98
56) 4-Nitrophenol	14.97	139	141734	89.613	ng		96
57) 2,4-Dinitrotoluene	15.14	165	119484	49.394	ng		93
58) Fluorene	15.82	166	339328	39.163	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	127507	47.384	ng		97
60) Diethylphthalate	15.58	149	390217	40.547	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	205615	40.802	ng		99
62) 4-Nitroaniline	15.85	138	88466	43.357	ng		96
63) Azobenzene	16.10	77	387493	39.097	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	63206	44.622	ng		93
66) n-Nitrosodiphenylamine	16.02	169	325355	37.962	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	138838	38.255	ng		97
68) Hexachlorobenzene	16.81	284	142399	37.946	ng	#	93
69) Atrazine	16.96	200	143179	42.166	ng		99
70) Pentachlorophenol	17.16	266	189835	86.448	ng		98
71) Phenanthrene	17.56	178	620523	39.548	ng		99
72) Anthracene	17.66	178	636840	40.379	ng		99
73) Carbazole	17.92	167	572751	39.860	ng		99
74) Di-n-butylphthalate	18.46	149	686600	39.589	ng		100
75) Fluoranthene	19.57	202	838290	42.873	ng		98
77) Benzidine	19.74	184	302894	36.300	ng		99
78) Pyrene	19.92	202	841302	44.047	ng		99
80) Butylbenzylphthalate	20.79	149	315326	42.358	ng		98
81) Benzo(a)anthracene	21.78	228	797371	41.400	ng		100
82) 3,3'-Dichlorobenzidine	21.69	252	209144	30.466	ng		99
83) Chrysene	21.85	228	781029	42.639	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	432457	40.243	ng		98
85) Di-n-octyl phthalate	22.92	149	731872	40.440	ng		98
86) Indeno(1,2,3-cd)pyrene	29.01	276	902680	40.760	ng	#	90
88) Benzo(b)fluoranthene	24.08	252	799709	45.115	ng		98
89) Benzo(k)fluoranthene	24.16	252	777797	46.985	ng		98
90) Benzo(a)pyrene	25.00	252	775282	46.205	ng		99
91) Dibenzo(a,h)anthracene	29.08	278	740430	43.606	ng		95
92) Benzo(g,h,i)perylene	30.24	276	745435	44.111	ng		97

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

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