Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
Data File : BG042628.D
Acq On : 31 Aug 2019 10:44
Operator : HP/JU
Sample : PB122704BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122704BS

Quant Time: Aug 31 18:17:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	32611	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	126882	20.00	ng		-0.01
39) Acenaphthene-d10	14.66	164	89625	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	203388	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	237093	20.00	ng		-0.01
87) Perylene-d12	24.92	264	282344	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	190714	118.44	ng		0.00
7) Phenol-d6	7.17	99	237305	109.11	ng		0.00
23) Nitrobenzene-d5	9.16	82	121776	66.32	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	144198	113.20	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	399730	75.43	ng		0.00
79) Terphenyl-d14	20.02	244	769511	70.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	24059	35.804	ng		97
3) Pyridine	3.82	79	53938	31.304	ng		92
4) n-Nitrosodimethylamine	3.73	42	25602	41.601	ng		91
6) Aniline	7.31	93	83948	28.938	ng		98
8) 2-Chlorophenol	7.56	128	85247	43.684	ng		99
9) Benzaldehyde	7.12	77	48077	44.152	ng		98
10) Phenol	7.19	94	92361	41.765	ng		92
11) bis(2-Chloroethyl)ether	7.41	93	65449	37.685	ng		98
12) 1,3-Dichlorobenzene	7.88	146	98855	39.821	ng		99
13) 1,4-Dichlorobenzene	8.03	146	101881	40.516	ng		97
14) 1,2-Dichlorobenzene	8.35	146	96134	39.922	ng		100
15) Benzyl Alcohol	8.24	79	63175	40.373	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	84434	35.869	ng		98
17) 2-Methylphenol	8.45	107	65443	40.178	ng		98
18) Hexachloroethane	9.08	117	33756	39.213	ng		100
19) n-Nitroso-di-n-propylamine	8.81	70	52363	37.161	ng		96
20) 3+4-Methylphenols	8.78	107	89929	39.899	ng		97
22) Acetophenone	8.82	105	117307	43.226	ng	#	97
24) Nitrobenzene	9.20	77	78035	41.970	ng		98
25) Isophorone	9.73	82	142219	39.248	ng		99
26) 2-Nitrophenol	9.93	139	50096	42.995	ng		96
27) 2,4-Dimethylphenol	9.99	122	77718	48.422	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	89875	39.352	ng		99
29) 2,4-Dichlorophenol	10.47	162	95425	45.442	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	110334	42.806	ng		98
31) Naphthalene	10.87	128	249732	42.394	ng		99
32) Benzoic acid	10.14	122	35427	33.407	ng		94
33) 4-Chloroaniline	10.98	127	62945	23.147	ng		97
34) Hexachlorobutadiene	11.16	225	74793	43.176	ng		99
35) Caprolactam	11.75	113	24786	35.373	ng		97
36) 4-Chloro-3-methylphenol	12.11	107	80953	40.609	ng		99
37) 2-Methylnaphthalene	12.48	142	196489	41.541	ng		98
38) 1-Methylnaphthalene	12.70	142	185808	41.356	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	134222	46.634	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	144957	95.879 ng		100
43) 2,4,6-Trichlorophenol	13.09	196	83763	43.056 ng		98
44) 2,4,5-Trichlorophenol	13.17	196	91075	45.175 ng		96
46) 1,1'-Biphenyl	13.49	154	258588	44.635 ng		96
47) 2-Chloronaphthalene	13.53	162	212911	42.621 ng		98
48) 2-Nitroaniline	13.73	65	45319	37.621 ng		97
49) Acenaphthylene	14.38	152	330204	43.936 ng		100
50) Dimethylphthalate	14.10	163	266126	41.153 ng		100
51) 2,6-Dinitrotoluene	14.23	165	63380	42.283 ng		95
52) Acenaphthene	14.72	154	190785	41.806 ng		99
53) 3-Nitroaniline	14.56	138	40717	27.161 ng		92
54) 2,4-Dinitrophenol	14.77	184	73411	73.228 ng		99
55) Dibenzofuran	15.06	168	332197	43.977 ng		99
56) 4-Nitrophenol	14.89	139	84803	79.611 ng		95
57) 2,4-Dinitrotoluene	15.02	165	87673	40.845 ng		98
58) Fluorene	15.70	166	261759	42.390 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	84014	42.139 ng	#	91
60) Diethylphthalate	15.47	149	256244	40.535 ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	157076	42.198 ng		98
62) 4-Nitroaniline	15.73	138	60274	37.568 ng		93
63) Azobenzene	15.99	77	168537	38.908 ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	56602	44.388 ng		98
66) n-Nitrosodiphenylamine	15.91	169	242166	43.296 ng		97
67) 4-Bromophenyl-phenylether	16.59	248	109655	42.505 ng		99
68) Hexachlorobenzene	16.72	284	115378	41.140 ng		98
69) Atrazine	16.86	200	90274	45.640 ng		98
70) Pentachlorophenol	17.07	266	127741	87.664 ng		98
71) Phenanthrene	17.45	178	441439	43.695 ng		98
72) Anthracene	17.54	178	456163	45.230 ng		99
73) Carbazole	17.81	167	392500	43.667 ng		99
74) Di-n-butylphthalate	18.36	149	450445	42.394 ng		99
75) Fluoranthene	19.46	202	597390	48.452 ng		96
77) Benzidine	19.64	184	298985	43.984 ng		98
78) Pyrene	19.82	202	606054	41.693 ng		98
80) Butylbenzylphthalate	20.70	149	227579	39.805 ng		97
81) Benzo(a)anthracene	21.67	228	623514	43.231 ng		98
82) 3,3'-Dichlorobenzidine	21.57	252	193139	33.296 ng		100
83) Chrysene	21.73	228	603756	43.406 ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	323332	40.731 ng		99
85) Di-n-octyl phthalate	22.78	149	561036	41.092 ng		99
86) Indeno(1,2,3-cd)pyrene	28.62	276	791530	41.874 ng	#	97
88) Benzo(b)fluoranthene	23.89	252	688444	44.352 ng		99
89) Benzo(k)fluoranthene	23.96	252	663908m	44.497 ng		
90) Benzo(a)pyrene	24.77	252	675000	45.827 ng		99
91) Dibenzo(a,h)anthracene	28.68	278	655391	43.946 ng		99
92) Benzo(g,h,i)perylene	29.78	276	664402	44.544 ng		98

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

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