Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039797.D
Acq On : 6 Mar 2019 21:24
Operator : JU/SJ
Sample : PB117669BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Manual Integrations APPROVED
Sohil
3/7/2019 3:42:51 PM

Quant Time: Mar 07 01:07:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43053	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	194565	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	137732	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	335295	20.00	ng		-0.01
76) Chrysene-d12	21.82	240	324169	20.00	ng		-0.01
87) Perylene-d12	25.18	264	334832	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	327765	129.88	ng		-0.01
7) Phenol-d6	7.30	99	491539	130.63	ng		-0.01
23) Nitrobenzene-d5	9.33	82	284873	79.19	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	200721	125.03	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	722559	74.70	ng		-0.01
79) Terphenyl-d14	20.12	244	1138424	77.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	33703	28.928	ng		97
3) Pyridine	3.99	79	96675	30.994	ng		98
4) n-Nitrosodimethylamine	3.91	42	54545	36.862	ng	#	98
6) Aniline	7.48	93	103921	21.080	ng		98
8) 2-Chlorophenol	7.71	128	119280	38.960	ng		97
9) Benzaldehyde	7.30	77	54709	22.539	ng		95
10) Phenol	7.33	94	164001	40.232	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	109398	34.421	ng		97
12) 1,3-Dichlorobenzene	8.04	146	119728	34.577	ng		95
13) 1,4-Dichlorobenzene	8.19	146	122151	34.633	ng		99
14) 1,2-Dichlorobenzene	8.51	146	117328	34.430	ng		99
15) Benzyl Alcohol	8.39	79	117097	39.230	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	220755	34.729	ng		99
17) 2-Methylphenol	8.59	107	108361	41.689	ng		96
18) Hexachloroethane	9.24	117	43677	34.513	ng		99
19) n-Nitroso-di-n-propylamine	8.96	70	97361	35.948	ng		91
20) 3+4-Methylphenols	8.92	107	150512	41.682	ng		95
22) Acetophenone	8.98	105	181177	34.695	ng	#	95
24) Nitrobenzene	9.38	77	141076	37.381	ng		97
25) Isophorone	9.89	82	274044	36.356	ng		98
26) 2-Nitrophenol	10.09	139	71774	39.390	ng		97
27) 2,4-Dimethylphenol	10.13	122	128540	45.357	ng		98
28) bis(2-Chloroethoxy)methane	10.37	93	167606	36.589	ng		99
29) 2,4-Dichlorophenol	10.62	162	138103	43.283	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	129560	36.085	ng		95
31) Naphthalene	11.03	128	378560	36.748	ng		100
32) Benzoic acid	10.26	122	75833	40.213	ng		92
33) 4-Chloroaniline	11.14	127	63384	14.510	ng		97
34) Hexachlorobutadiene	11.29	225	85758	34.954	ng		99
35) Caprolactam	11.92	113	48605m	39.878	ng		
36) 4-Chloro-3-methylphenol	12.24	107	150506	41.149	ng		97
37) 2-Methylnaphthalene	12.62	142	295236	38.334	ng		97
38) 1-Methylnaphthalene	12.84	142	284094	37.958	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	161516	34.615	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	206818	82.709	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	118843	43.505	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	126778	41.173	ng		98
46) 1,1'-Biphenyl	13.62	154	400574	35.361	ng		99
47) 2-Chloronaphthalene	13.66	162	314513	36.905	ng		98
48) 2-Nitroaniline	13.88	65	111689	40.781	ng		94
49) Acenaphthylene	14.51	152	509331	36.407	ng		98
50) Dimethylphthalate	14.23	163	425094	36.910	ng		99
51) 2,6-Dinitrotoluene	14.36	165	93610	38.340	ng		97
52) Acenaphthene	14.84	154	308887	36.684	ng		99
53) 3-Nitroaniline	14.69	138	54149	22.063	ng	#	95
54) 2,4-Dinitrophenol	14.90	184	53392	37.654	ng		95
55) Dibenzofuran	15.18	168	508917	36.838	ng		98
56) 4-Nitrophenol	14.99	139	162585	74.053	ng		93
57) 2,4-Dinitrotoluene	15.14	165	135402	39.468	ng		87
58) Fluorene	15.83	166	404893	37.281	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	127708	42.468	ng		97
60) Diethylphthalate	15.58	149	434501	38.111	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	214232	36.966	ng		99
62) 4-Nitroaniline	15.86	138	102058	38.357	ng		94
63) Azobenzene	16.10	77	391405	37.873	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	63821	32.192	ng		92
66) n-Nitrosodiphenylamine	16.03	169	376572	38.794	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	141118	37.601	ng		95
68) Hexachlorobenzene	16.82	284	143975	37.009	ng		98
69) Atrazine	16.97	200	139192	36.435	ng		99
70) Pentachlorophenol	17.17	266	169975	69.182	ng		98
71) Phenanthrene	17.57	178	692990	37.523	ng		99
72) Anthracene	17.66	178	697711	38.768	ng		98
73) Carbazole	17.93	167	606078	37.355	ng		98
74) Di-n-butylphthalate	18.46	149	738882	38.706	ng		98
75) Fluoranthene	19.57	202	817417	37.451	ng		99
77) Benzidine	19.75	184	275718	26.803	ng		99
78) Pyrene	19.93	202	809906	38.449	ng		99
80) Butylbenzylphthalate	20.80	149	337103	41.307	ng		97
81) Benzo(a)anthracene	21.79	228	770926	37.946	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	135358	18.249	ng		97
83) Chrysene	21.86	228	726648	36.892	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	467901	40.800	ng		99
85) Di-n-octyl phthalate	22.92	149	794559	41.844	ng		96
86) Indeno(1,2,3-cd)pyrene	29.06	276	858858	38.437	ng	#	96
88) Benzo(b)fluoranthene	24.10	252	748774	37.501	ng		98
89) Benzo(k)fluoranthene	24.18	252	728129	39.176	ng		99
90) Benzo(a)pyrene	25.03	252	737996	39.999	ng		98
91) Dibenzo(a,h)anthracene	29.13	278	691515	38.231	ng		99
92) Benzo(g,h,i)perylene	30.28	276	709462	39.054	ng		99

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

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