Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038949.D
Acq On : 5 Jan 2019 4:57
Operator : JU/SJ
Sample : PB116155BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116155BS

Manual Integrations APPROVED
Sohil
1/7/2019 12:48:25 PM

Quant Time: Jan 06 22:59:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23773	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	94359	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	67736	20.00	ng		-0.01
64) Phenanthrene-d10	17.43	188	177425	20.00	ng		-0.01
76) Chrysene-d12	21.71	240	177665	20.00	ng		-0.01
87) Perylene-d12	25.01	264	195851	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	129403	96.54	ng		0.00
7) Phenol-d6	7.21	99	175916	95.60	ng		0.00
23) Nitrobenzene-d5	9.22	82	104165	56.40	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	102908	110.24	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	289016	58.53	ng		-0.02
79) Terphenyl-d14	20.03	244	580023	71.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	12391	19.863	ng		95
3) Pyridine	3.88	79	36038	20.983	ng		96
4) n-Nitrosodimethylamine	3.81	42	21442	25.480	ng		85
6) Aniline	7.37	93	29543	12.577	ng		98
8) 2-Chlorophenol	7.61	128	47967	30.925	ng		98
9) Benzaldehyde	7.19	77	18789	15.741	ng		88
10) Phenol	7.24	94	60472	30.934	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	39187	25.178	ng		92
12) 1,3-Dichlorobenzene	7.93	146	50660	27.623	ng		97
13) 1,4-Dichlorobenzene	8.08	146	52133	27.756	ng		92
14) 1,2-Dichlorobenzene	8.40	146	48679	27.491	ng		95
15) Benzyl Alcohol	8.29	79	41955	29.212	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	81632	22.897	ng		96
17) 2-Methylphenol	8.49	107	41177	31.440	ng		95
18) Hexachloroethane	9.12	117	17683	25.764	ng		88
19) n-Nitroso-di-n-propylamine	8.85	70	32665	25.276	ng		97
20) 3+4-Methylphenols	8.82	107	58458	32.319	ng		97
22) Acetophenone	8.88	105	68751	29.170	ng	#	94
24) Nitrobenzene	9.26	77	52387	28.037	ng		98
25) Isophorone	9.78	82	96056	28.945	ng	#	96
26) 2-Nitrophenol	9.98	139	29075	30.402	ng		91
27) 2,4-Dimethylphenol	10.02	122	49815	36.346	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	56029	29.918	ng		99
29) 2,4-Dichlorophenol	10.52	162	55872	36.643	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	57694	31.325	ng		94
31) Naphthalene	10.92	128	148383	31.916	ng		98
32) Benzoic acid	10.16	122	17085m	25.634	ng		
33) 4-Chloroaniline	11.04	127	28574	14.156	ng		97
34) Hexachlorobutadiene	11.17	225	37409	30.018	ng		95
35) Caprolactam	11.81	113	18837	29.852	ng		89
36) 4-Chloro-3-methylphenol	12.15	107	56409	32.419	ng		95
37) 2-Methylnaphthalene	12.51	142	113437	34.201	ng		99
38) 1-Methylnaphthalene	12.73	142	110166	34.229	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	71859	28.381	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	87062	62.588	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	51902	33.339	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	56162	34.073	ng		97
46) 1,1'-Biphenyl	13.52	154	156290	27.523	ng		98
47) 2-Chloronaphthalene	13.57	162	125294	28.565	ng		99
48) 2-Nitroaniline	13.78	65	40505	28.991	ng		93
49) Acenaphthylene	14.41	152	209871	32.005	ng		98
50) Dimethylphthalate	14.14	163	169199	30.588	ng		99
51) 2,6-Dinitrotoluene	14.27	165	38767	30.926	ng		90
52) Acenaphthene	14.75	154	117877	30.062	ng		97
53) 3-Nitroaniline	14.61	138	22403	17.532	ng		90
54) 2,4-Dinitrophenol	14.82	184	23208	34.282	ng		94
55) Dibenzofuran	15.08	168	204727	30.459	ng		95
56) 4-Nitrophenol	14.92	139	55490	57.242	ng		93
57) 2,4-Dinitrotoluene	15.06	165	56202	31.832	ng		87
58) Fluorene	15.73	166	168164	33.770	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	51601	34.796	ng		99
60) Diethylphthalate	15.49	149	178528	29.400	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	94046	30.269	ng		97
62) 4-Nitroaniline	15.77	138	39455	29.991	ng		94
63) Azobenzene	16.01	77	143102	28.209	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	30397	24.017	ng		88
66) n-Nitrosodiphenylamine	15.94	169	155551	29.838	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	66266	30.581	ng		97
68) Hexachlorobenzene	16.73	284	70427	31.354	ng		95
69) Atrazine	16.88	200	67816	35.053	ng		92
70) Pentachlorophenol	17.09	266	67434	50.756	ng		97
71) Phenanthrene	17.48	178	300634	32.675	ng		98
72) Anthracene	17.57	178	307752	33.882	ng		100
73) Carbazole	17.84	167	268886	29.933	ng		98
74) Di-n-butylphthalate	18.37	149	315413	30.601	ng		99
75) Fluoranthene	19.49	202	377039	33.121	ng		97
77) Benzidine	19.67	184	100742	19.173	ng		98
78) Pyrene	19.85	202	381619	32.514	ng		98
80) Butylbenzylphthalate	20.72	149	142146	30.999	ng		96
81) Benzo(a)anthracene	21.70	228	360688	33.317	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	72207	16.817	ng		99
83) Chrysene	21.76	228	339377	32.546	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	197101	30.307	ng		98
85) Di-n-octyl phthalate	22.78	149	336135	30.861	ng		96
86) Indeno(1,2,3-cd)pyrene	28.78	276	405660	33.090	ng	#	94
88) Benzo(b)fluoranthene	23.95	252	362974	33.756	ng		99
89) Benzo(k)fluoranthene	24.02	252	347398	32.444	ng		98
90) Benzo(a)pyrene	24.85	252	349827	33.722	ng	#	98
91) Dibenzo(a,h)anthracene	28.84	278	330612	32.008	ng		97
92) Benzo(g,h,i)perylene	29.98	276	333080	32.722	ng		96

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

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