Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
Data File : BG042494.D
Acq On : 26 Aug 2019 11:12
Operator : HP/JU
Sample : PB122218BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Manual Integrations APPROVED
JAGRUT
8/27/2019 7:51:31 AM

Quant Time: Aug 27 01:42:21 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	8.00	152	49192	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	199652	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	138790	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	315692	20.00	ng	0.00
76) Chrysene-d12	21.69	240	343447	20.00	ng	0.00
87) Perylene-d12	24.92	264	373067	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	278453	114.64	ng	0.00
7) Phenol-d6	7.17	99	352145	107.33	ng	0.00
23) Nitrobenzene-d5	9.16	82	177264	61.36	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	188453	95.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	536471	65.37	ng	0.00
79) Terphenyl-d14	20.02	244	996103	62.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	37950	37.440	ng	98
3) Pyridine	3.82	79	82067	31.575	ng	98
4) n-Nitrosodimethylamine	3.73	42	36952	39.805	ng	86
6) Aniline	7.32	93	127419	29.118	ng	98
8) 2-Chlorophenol	7.57	128	122196	41.512	ng	96
9) Benzaldehyde	7.12	77	74057	45.087	ng	95
10) Phenol	7.20	94	139380	41.783	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	101602	38.782	ng	99
12) 1,3-Dichlorobenzene	7.89	146	138139	36.889	ng	99
13) 1,4-Dichlorobenzene	8.04	146	140181	36.957	ng	98
14) 1,2-Dichlorobenzene	8.35	146	132744	36.544	ng	98
15) Benzyl Alcohol	8.24	79	89769	38.031	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	131144	36.933	ng	99
17) 2-Methylphenol	8.45	107	99043	40.310	ng	95
18) Hexachloroethane	9.09	117	46934	36.144	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	76459	35.972	ng	98
20) 3+4-Methylphenols	8.78	107	132486	38.968	ng	99
22) Acetophenone	8.82	105	168719	39.511	ng	97
24) Nitrobenzene	9.21	77	113488	38.790	ng	99
25) Isophorone	9.73	82	214350	37.593	ng	98
26) 2-Nitrophenol	9.93	139	69547	37.933	ng	95
27) 2,4-Dimethylphenol	9.99	122	110331	43.686	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	134884	37.533	ng	98
29) 2,4-Dichlorophenol	10.47	162	130103	39.374	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	146007	35.999	ng	97
31) Naphthalene	10.87	128	358900	38.719	ng	99
32) Benzoic acid	10.13	122	52531	31.951	ng	99
33) 4-Chloroaniline	10.98	127	96710	22.601	ng	96
34) Hexachlorobutadiene	11.16	225	94691	34.739	ng	99
35) Caprolactam	11.75	113	39897	36.185	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	119826	38.201	ng	98
37) 2-Methylnaphthalene	12.48	142	281463	37.817	ng	99
38) 1-Methylnaphthalene	12.70	142	262417	37.118	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	174441	39.138	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	190967	81.567	ng		100
43) 2,4,6-Trichlorophenol	13.09	196	115475	38.330	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	123074	39.422	ng		96
46) 1,1'-Biphenyl	13.49	154	364606	40.640	ng		99
47) 2-Chloronaphthalene	13.53	162	292798	37.850	ng		99
48) 2-Nitroaniline	13.73	65	68830	36.898	ng		96
49) Acenaphthylene	14.38	152	465165	39.969	ng		99
50) Dimethylphthalate	14.11	163	372198	37.167	ng		99
51) 2,6-Dinitrotoluene	14.23	165	88443	38.102	ng		99
52) Acenaphthene	14.72	154	270484	38.275	ng		99
53) 3-Nitroaniline	14.56	138	63030	27.151	ng		99
54) 2,4-Dinitrophenol	14.77	184	94428	61.886	ng		98
55) Dibenzofuran	15.06	168	459649	39.294	ng		100
56) 4-Nitrophenol	14.89	139	133279	80.797	ng		99
57) 2,4-Dinitrotoluene	15.02	165	125081	37.630	ng		95
58) Fluorene	15.71	166	372089	38.912	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	117276m	37.985	ng		
60) Diethylphthalate	15.47	149	363651	37.147	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	211897	36.760	ng		98
62) 4-Nitroaniline	15.73	138	91135	36.681	ng		98
63) Azobenzene	15.99	77	265018	39.508	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	79919	40.378	ng		97
66) n-Nitrosodiphenylamine	15.91	169	342340	39.432	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	144139	35.996	ng		99
68) Hexachlorobenzene	16.73	284	150648	34.608	ng		98
69) Atrazine	16.86	200	124529	40.561	ng		100
70) Pentachlorophenol	17.07	266	174675	77.230	ng		98
71) Phenanthrene	17.45	178	621003	39.602	ng		100
72) Anthracene	17.55	178	631890	40.365	ng		99
73) Carbazole	17.82	167	564301	40.447	ng		98
74) Di-n-butylphthalate	18.37	149	663618	40.238	ng		100
75) Fluoranthene	19.47	202	814040	42.536	ng		98
77) Benzidine	19.65	184	349188	35.462	ng		99
78) Pyrene	19.83	202	821581	39.018	ng		100
80) Butylbenzylphthalate	20.71	149	322643	38.957	ng		99
81) Benzo(a)anthracene	21.67	228	812732	38.901	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	276552	32.913	ng		99
83) Chrysene	21.74	228	784524	38.936	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	460359	40.034	ng		98
85) Di-n-octyl phthalate	22.78	149	800636	40.482	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1030766	37.644	ng	#	94
88) Benzo(b)fluoranthene	23.90	252	898863	43.826	ng		99
89) Benzo(k)fluoranthene	23.97	252	858820	43.563	ng		99
90) Benzo(a)pyrene	24.77	252	880946	45.265	ng		100
91) Dibenzo(a,h)anthracene	28.69	278	855314	43.405	ng		99
92) Benzo(g,h,i)perylene	29.79	276	862691	43.773	ng		98

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

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