Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040099.D
Acq On : 23 Mar 2019 2:54
Operator : JU/SJ
Sample : PB118181BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118181BS

Manual Integrations APPROVED
Sohil
3/25/2019 11:58:09 AM

Quant Time: Mar 23 04:33:02 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	8.14	152	37993	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	168354	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	118428	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	297054	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	287636	20.00	ng		-0.02
87) Perylene-d12	25.16	264	292809	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	131680	59.13	ng		-0.02
7) Phenol-d6	7.29	99	192690	58.03	ng		-0.02
23) Nitrobenzene-d5	9.32	82	169017	54.30	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	80328	58.19	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	447532	53.81	ng		-0.02
79) Terphenyl-d14	20.11	244	647160	49.54	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	18232	17.733	ng		96
3) Pyridine	3.98	79	50896	18.491	ng		94
4) n-Nitrosodimethylamine	3.90	42	29568	22.644	ng		90
6) Aniline	7.46	93	41517	9.543	ng		93
8) 2-Chlorophenol	7.70	128	71931	26.624	ng		91
9) Benzaldehyde	7.29	77	19009	8.874	ng		100
10) Phenol	7.32	94	97639	27.142	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	67772	24.164	ng		92
12) 1,3-Dichlorobenzene	8.03	146	71589	23.428	ng		97
13) 1,4-Dichlorobenzene	8.17	146	72706	23.360	ng		96
14) 1,2-Dichlorobenzene	8.50	146	69953	23.262	ng		99
15) Benzyl Alcohol	8.38	79	65905	25.020	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	124549	22.204	ng		99
17) 2-Methylphenol	8.57	107	64919	28.302	ng		94
18) Hexachloroethane	9.23	117	25240	22.600	ng		94
19) n-Nitroso-di-n-propylamine	8.94	70	53954	22.574	ng		88
20) 3+4-Methylphenols	8.90	107	88720	27.842	ng		97
22) Acetophenone	8.97	105	105508	23.350	ng	#	95
24) Nitrobenzene	9.36	77	81700	25.019	ng		99
25) Isophorone	9.87	82	156311	23.965	ng		98
26) 2-Nitrophenol	10.07	139	41309	26.200	ng		96
27) 2,4-Dimethylphenol	10.11	122	75630	30.842	ng		96
28) bis(2-Chloroethoxy)methane	10.35	93	97746	24.661	ng		97
29) 2,4-Dichlorophenol	10.60	162	79795	28.902	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	79876	25.711	ng		97
31) Naphthalene	11.01	128	221606	24.861	ng		98
32) Benzoic acid	10.24	122	34584m	24.315	ng		
33) 4-Chloroaniline	11.13	127	40460	10.704	ng		96
34) Hexachlorobutadiene	11.27	225	52089	24.536	ng		97
35) Caprolactam	11.90	113	27143	25.737	ng	#	81
36) 4-Chloro-3-methylphenol	12.23	107	86488	27.328	ng		99
37) 2-Methylnaphthalene	12.60	142	176701	26.515	ng		97
38) 1-Methylnaphthalene	12.82	142	166716	25.743	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	99874	24.894	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	127087	59.108	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	68129	29.005	ng		94
44) 2,4,5-Trichlorophenol	13.28	196	73652	27.818	ng		98
46) 1,1'-Biphenyl	13.60	154	242055	24.850	ng		97
47) 2-Chloronaphthalene	13.66	162	189807	25.903	ng		98
48) 2-Nitroaniline	13.86	65	60695	25.774	ng		90
49) Acenaphthylene	14.50	152	304003	25.272	ng		100
50) Dimethylphthalate	14.21	163	258567	26.110	ng		100
51) 2,6-Dinitrotoluene	14.35	165	56933	27.119	ng		91
52) Acenaphthene	14.84	154	184779	25.522	ng		98
53) 3-Nitroaniline	14.68	138	28567	13.537	ng	#	90
54) 2,4-Dinitrophenol	14.88	184	47246	38.598	ng		94
55) Dibenzofuran	15.17	168	311674	26.238	ng		99
56) 4-Nitrophenol	14.98	139	88180	46.710	ng	#	86
57) 2,4-Dinitrotoluene	15.13	165	83755	28.393	ng	#	83
58) Fluorene	15.81	166	244904	26.226	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	73495	28.424	ng		96
60) Diethylphthalate	15.56	149	259883	26.510	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	130050	26.098	ng		98
62) 4-Nitroaniline	15.84	138	56203	24.566	ng		95
63) Azobenzene	16.09	77	228158	25.675	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	41442	23.595	ng		92
66) n-Nitrosodiphenylamine	16.02	169	227830	26.493	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	86795	26.103	ng		93
68) Hexachlorobenzene	16.80	284	88553	25.693	ng		95
69) Atrazine	16.96	200	89890	26.559	ng		97
70) Pentachlorophenol	17.16	266	95089	43.685	ng		98
71) Phenanthrene	17.56	178	419044	25.611	ng		99
72) Anthracene	17.65	178	424089	26.598	ng		98
73) Carbazole	17.92	167	360901	25.107	ng		98
74) Di-n-butylphthalate	18.45	149	445650	26.351	ng		99
75) Fluoranthene	19.56	202	493102	25.500	ng		98
77) Benzidine	19.74	184	101536	11.124	ng		98
78) Pyrene	19.92	202	497260	26.605	ng		97
80) Butylbenzylphthalate	20.79	149	193973	26.787	ng		92
81) Benzo(a)anthracene	21.78	228	455434	25.264	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	83078	12.623	ng		96
83) Chrysene	21.85	228	436266	24.963	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	264692	26.012	ng		99
85) Di-n-octyl phthalate	22.90	149	457164	27.133	ng	#	94
86) Indeno(1,2,3-cd)pyrene	29.02	276	496827	25.059	ng	#	96
88) Benzo(b)fluoranthene	24.08	252	440806	25.245	ng		98
89) Benzo(k)fluoranthene	24.16	252	446027	27.442	ng		98
90) Benzo(a)pyrene	25.00	252	435202	26.973	ng	#	98
91) Dibenzo(a,h)anthracene	29.09	278	410211	25.933	ng		98
92) Benzo(g,h,i)perylene	30.24	276	413555	26.032	ng		95

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

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