Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
Data File : BG040003.D
Acq On : 19 Mar 2019 15:21
Operator : JU/SJ
Sample : PB118018BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118018BS

Manual Integrations APPROVED
Sohil
3/20/2019 4:59:11 PM

Quant Time: Mar 20 04:22:38 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	53619	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	227408	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	154343	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	356891	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	327506	20.00	ng		-0.02
87) Perylene-d12	25.16	264	320061	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	423091	134.62	ng		-0.01
7) Phenol-d6	7.30	99	592866	126.51	ng		-0.01
23) Nitrobenzene-d5	9.33	82	342924	81.56	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	226904	126.13	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	803721	74.14	ng		-0.02
79) Terphenyl-d14	20.11	244	1131080	76.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	41791	28.801	ng		96
3) Pyridine	3.97	79	99706	25.667	ng		97
4) n-Nitrosodimethylamine	3.90	42	66600	36.140	ng	#	97
6) Aniline	7.47	93	194707	31.713	ng		100
8) 2-Chlorophenol	7.71	128	146790	38.497	ng		97
9) Benzaldehyde	7.28	77	81698	27.026	ng		97
10) Phenol	7.33	94	200111	39.417	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	143380	36.223	ng		97
12) 1,3-Dichlorobenzene	8.03	146	151449	35.119	ng		99
13) 1,4-Dichlorobenzene	8.18	146	154612	35.199	ng		98
14) 1,2-Dichlorobenzene	8.50	146	149615	35.253	ng		95
15) Benzyl Alcohol	8.39	79	143190	38.519	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	288154	36.399	ng		99
17) 2-Methylphenol	8.58	107	131340	40.573	ng		98
18) Hexachloroethane	9.23	117	55499	35.213	ng		99
19) n-Nitroso-di-n-propylamine	8.95	70	117376	34.798	ng		95
20) 3+4-Methylphenols	8.91	107	179157	39.838	ng		97
22) Acetophenone	8.97	105	222792	36.502	ng		98
24) Nitrobenzene	9.37	77	177211	40.174	ng		97
25) Isophorone	9.88	82	340179	38.612	ng		99
26) 2-Nitrophenol	10.07	139	88055	41.345	ng		96
27) 2,4-Dimethylphenol	10.12	122	150893	45.555	ng		95
28) bis(2-Chloroethoxy)methane	10.36	93	203391	37.989	ng		98
29) 2,4-Dichlorophenol	10.61	162	160404	43.012	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	162655	38.760	ng		99
31) Naphthalene	11.02	128	459910	38.198	ng		99
32) Benzoic acid	10.27	122	86288	39.324	ng		93
33) 4-Chloroaniline	11.13	127	120910	23.682	ng		98
34) Hexachlorobutadiene	11.28	225	108503	37.837	ng		95
35) Caprolactam	11.92	113	54437m	38.213	ng		
36) 4-Chloro-3-methylphenol	12.23	107	172906	40.446	ng		98
37) 2-Methylnaphthalene	12.61	142	350392	38.925	ng		96
38) 1-Methylnaphthalene	12.83	142	334943	38.288	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	194437	37.186	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	266341	95.050	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	132486	43.279	ng		100
44) 2,4,5-Trichlorophenol	13.28	196	141677	41.060	ng		98
46) 1,1'-Biphenyl	13.61	154	470032	37.026	ng		99
47) 2-Chloronaphthalene	13.66	162	364010	38.116	ng		99
48) 2-Nitroaniline	13.87	65	128295	41.803	ng		97
49) Acenaphthylene	14.50	152	580247	37.012	ng		98
50) Dimethylphthalate	14.22	163	482190	37.362	ng		100
51) 2,6-Dinitrotoluene	14.35	165	109598	40.058	ng		97
52) Acenaphthene	14.84	154	355379	37.663	ng		100
53) 3-Nitroaniline	14.69	138	78870	28.677	ng	#	94
54) 2,4-Dinitrophenol	14.89	184	141864	82.074	ng		98
55) Dibenzofuran	15.17	168	575212	37.156	ng		97
56) 4-Nitrophenol	14.99	139	178343	72.488	ng		93
57) 2,4-Dinitrotoluene	15.14	165	154537	40.198	ng		88
58) Fluorene	15.82	166	452275	37.162	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	141214	41.905	ng		98
60) Diethylphthalate	15.57	149	489067	38.280	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	244312	37.619	ng		99
62) 4-Nitroaniline	15.85	138	110038	36.906	ng		99
63) Azobenzene	16.09	77	446032	38.514	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	94377	44.725	ng		98
66) n-Nitrosodiphenylamine	16.02	169	420078	40.658	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	156473	39.169	ng		95
68) Hexachlorobenzene	16.81	284	162570	39.260	ng		97
69) Atrazine	16.96	200	153292	37.698	ng		98
70) Pentachlorophenol	17.16	266	205273	78.493	ng		97
71) Phenanthrene	17.56	178	741761	37.733	ng		99
72) Anthracene	17.65	178	746849	38.987	ng		98
73) Carbazole	17.92	167	636205	36.839	ng		98
74) Di-n-butylphthalate	18.45	149	765931	37.695	ng		100
75) Fluoranthene	19.56	202	844334	36.343	ng		99
77) Benzidine	19.74	184	407219	39.183	ng		100
78) Pyrene	19.92	202	817747	38.425	ng		99
80) Butylbenzylphthalate	20.79	149	349252	42.359	ng		96
81) Benzo(a)anthracene	21.79	228	793995	38.683	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	207810	27.731	ng		98
83) Chrysene	21.86	228	749571	37.669	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	486736	42.010	ng		98
85) Di-n-octyl phthalate	22.90	149	826897	43.103	ng		96
86) Indeno(1,2,3-cd)pyrene	29.04	276	890992	39.469	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	785516	41.157	ng		99
89) Benzo(k)fluoranthene	24.17	252	752727	42.369	ng		98
90) Benzo(a)pyrene	25.01	252	761443	43.175	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	722223	41.771	ng		99
92) Benzo(g,h,i)perylene	30.26	276	740685	42.655	ng		97

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

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