Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
Data File : BG043969.D
Acq On : 8 Jan 2020 16:06
Operator : JU
Sample : PB125943BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Manual Integrations APPROVED
mohammad
1/9/2020 12:10:04 PM

Quant Time: Jan 09 06:42:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	116919	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	484554	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	317219	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	656993	20.00	ng		0.00
76) Chrysene-d12	21.58	240	566329	20.00	ng		0.00
87) Perylene-d12	24.70	264	576039	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	813592	127.77	ng		0.00
7) Phenol-d6	7.13	99	1060555	119.15	ng		0.00
23) Nitrobenzene-d5	9.11	82	656126	72.44	ng		-0.01
42) 2,4,6-Tribromophenol	16.08	330	385240	116.05	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1424537	81.36	ng		-0.01
79) Terphenyl-d14	19.94	244	1950619	82.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	117695	42.391	ng		97
3) Pyridine	3.82	79	282445	34.436	ng		98
4) n-Nitrosodimethylamine	3.73	42	142740	39.088	ng		95
6) Aniline	7.28	93	366118	31.316	ng		98
8) 2-Chlorophenol	7.52	128	337202	45.107	ng		97
9) Benzaldehyde	7.09	77	204997	35.985	ng		98
10) Phenol	7.15	94	409960	44.703	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	320546	40.492	ng		100
12) 1,3-Dichlorobenzene	7.85	146	358997	41.038	ng		99
13) 1,4-Dichlorobenzene	7.99	146	356035	41.249	ng		98
14) 1,2-Dichlorobenzene	8.31	146	338463	40.853	ng		98
15) Benzyl Alcohol	8.19	79	286932	40.845	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	437714	35.740	ng		100
17) 2-Methylphenol	8.40	107	290781	43.815	ng		100
18) Hexachloroethane	9.05	117	133239	39.671	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	247329	37.312	ng		98
20) 3+4-Methylphenols	8.73	107	397998	42.989	ng		99
22) Acetophenone	8.78	105	457529	37.980	ng	#	98
24) Nitrobenzene	9.15	77	347606	38.748	ng		99
25) Isophorone	9.68	82	673738	39.647	ng		99
26) 2-Nitrophenol	9.87	139	192346	45.318	ng		96
27) 2,4-Dimethylphenol	9.93	122	318482	49.848	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	428784	37.848	ng		100
29) 2,4-Dichlorophenol	10.41	162	333160	43.716	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	333053	38.976	ng		97
31) Naphthalene	10.81	128	970887	41.405	ng		100
32) Benzoic acid	10.07	122	173252	35.217	ng		93
33) 4-Chloroaniline	10.91	127	248404	22.211	ng		98
34) Hexachlorobutadiene	11.10	225	191918	36.786	ng		98
35) Caprolactam	11.68	113	121154m	42.704	ng		
36) 4-Chloro-3-methylphenol	12.04	107	345563	42.594	ng		99
37) 2-Methylnaphthalene	12.42	142	717537	40.646	ng		98
38) 1-Methylnaphthalene	12.64	142	688284	41.138	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	342005	36.784	ng		99

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Quant Time: Jan 09 06:42:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	410683	85.199	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	262237	40.990	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	279076	42.295	ng	98
46) 1,1'-Biphenyl	13.42	154	898622	39.510	ng	99
47) 2-Chloronaphthalene	13.46	162	701839	38.188	ng	98
48) 2-Nitroaniline	13.66	65	216297	36.587	ng	95
49) Acenaphthylene	14.31	152	1108590	41.967	ng	98
50) Dimethylphthalate	14.05	163	897395	39.842	ng	99
51) 2,6-Dinitrotoluene	14.16	165	205497	40.365	ng	96
52) Acenaphthene	14.66	154	696931	37.621	ng	99
53) 3-Nitroaniline	14.49	138	152117	26.313	ng	98
54) 2,4-Dinitrophenol	14.69	184	200440	77.470	ng	97
55) Dibenzofuran	14.99	168	1051634	41.238	ng	99
56) 4-Nitrophenol	14.80	139	397943	89.826	ng	93
57) 2,4-Dinitrotoluene	14.94	165	282320	40.755	ng	98
58) Fluorene	15.64	166	825317	40.832	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	240131	42.323	ng	98
60) Diethylphthalate	15.41	149	899827	39.942	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	428651	39.055	ng	98
62) 4-Nitroaniline	15.65	138	210421	36.858	ng	94
63) Azobenzene	15.93	77	828180	39.640	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	155804	46.208	ng	98
66) n-Nitrosodiphenylamine	15.84	169	776571	40.138	ng	99
67) 4-Bromophenyl-phenylether	16.52	248	273421	37.003	ng	98
68) Hexachlorobenzene	16.65	284	290632	36.502	ng	99
69) Atrazine	16.80	200	289118	45.972	ng	98
70) Pentachlorophenol	16.99	266	357073	81.355	ng	98
71) Phenanthrene	17.38	178	1289117	40.908	ng	99
72) Anthracene	17.46	178	1334380	42.846	ng	99
73) Carbazole	17.74	167	1224301	42.558	ng	99
74) Di-n-butylphthalate	18.30	149	1494824	40.698	ng	98
75) Fluoranthene	19.38	202	1473079	40.874	ng	99
77) Benzidine	19.56	184	619414	43.513	ng	97
78) Pyrene	19.74	202	1482590	40.106	ng	98
80) Butylbenzylphthalate	20.64	149	699426	39.741	ng	96
81) Benzo(a)anthracene	21.57	228	1417518	40.366	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	412806	29.755	ng	99
83) Chrysene	21.63	228	1363585	40.866	ng	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	983607	40.505	ng	98
85) Di-n-octyl phthalate	22.67	149	1710197	41.891	ng	98
86) Indeno(1,2,3-cd)pyrene	28.26	276	1704652	37.592	ng	99
88) Benzo(b)fluoranthene	23.72	252	1491293	43.792	ng	100
89) Benzo(k)fluoranthene	23.79	252	1433957	44.281	ng	99
90) Benzo(a)pyrene	24.56	252	1363410	42.420	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	1415986	43.867	ng	98
92) Benzo(g,h,i)perylene	29.36	276	1435180	44.761	ng	98

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

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