Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
Data File : BG043967.D
Acq On : 8 Jan 2020 14:47
Operator : JU
Sample : PB125926BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125926BS

Manual Integrations APPROVED
mohammad
1/9/2020 12:09:59 PM

Quant Time: Jan 09 06:37:40 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	122435	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	519748	20.00	ng		-0.01
39) Acenaphthene-d10	14.59	164	332942	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	691991	20.00	ng		0.00
76) Chrysene-d12	21.59	240	560287	20.00	ng		0.00
87) Perylene-d12	24.72	264	574770	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	870706	130.58	ng		0.00
7) Phenol-d6	7.13	99	1125020	120.70	ng		0.00
23) Nitrobenzene-d5	9.11	82	703374	72.40	ng		-0.01
42) 2,4,6-Tribromophenol	16.08	330	405726	116.45	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1500947	81.68	ng		0.00
79) Terphenyl-d14	19.95	244	1984254	85.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	125877	43.295	ng		96
3) Pyridine	3.82	79	299684	34.891	ng		95
4) n-Nitrosodimethylamine	3.73	42	149556	39.110	ng	#	94
6) Aniline	7.28	93	395538	32.308	ng		99
8) 2-Chlorophenol	7.52	128	359822	45.965	ng		98
9) Benzaldehyde	7.09	77	212573	35.633	ng		98
10) Phenol	7.15	94	436287	45.430	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	342173	41.277	ng		100
12) 1,3-Dichlorobenzene	7.85	146	382075	41.708	ng		99
13) 1,4-Dichlorobenzene	7.99	146	378997	41.931	ng		98
14) 1,2-Dichlorobenzene	8.31	146	361774	41.700	ng		98
15) Benzyl Alcohol	8.19	79	305585	41.541	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	471330	36.751	ng		99
17) 2-Methylphenol	8.41	107	310910	44.738	ng		98
18) Hexachloroethane	9.05	117	142820	40.608	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	268231	38.642	ng		98
20) 3+4-Methylphenols	8.73	107	424198	43.755	ng		98
22) Acetophenone	8.78	105	493366	38.182	ng	#	98
24) Nitrobenzene	9.15	77	372846	38.747	ng		99
25) Isophorone	9.68	82	714895	39.220	ng		98
26) 2-Nitrophenol	9.87	139	203560	44.713	ng		96
27) 2,4-Dimethylphenol	9.93	122	335540	48.962	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	455045	37.446	ng		99
29) 2,4-Dichlorophenol	10.41	162	350989	42.937	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	355735	38.812	ng		99
31) Naphthalene	10.81	128	1039712	41.338	ng		99
32) Benzoic acid	10.07	122	189612	35.805	ng		92
33) 4-Chloroaniline	10.91	127	266836	22.243	ng		97
34) Hexachlorobutadiene	11.11	225	207609	37.099	ng		95
35) Caprolactam	11.68	113	130571m	42.907	ng		
36) 4-Chloro-3-methylphenol	12.04	107	366515	42.117	ng		98
37) 2-Methylnaphthalene	12.42	142	765216	40.412	ng		97
38) 1-Methylnaphthalene	12.64	142	732426	40.812	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	361232	37.017	ng		99

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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	12.78	237	443073	87.578	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	277308	41.299	ng	99
44) 2,4,5-Trichlorophenol	13.09	196	293373	42.362	ng	98
46) 1,1'-Biphenyl	13.42	154	958660	40.159	ng	99
47) 2-Chloronaphthalene	13.46	162	744050	38.573	ng	98
48) 2-Nitroaniline	13.66	65	231795	37.357	ng	97
49) Acenaphthylene	14.31	152	1161675	41.900	ng	99
50) Dimethylphthalate	14.05	163	948481	40.122	ng	100
51) 2,6-Dinitrotoluene	14.16	165	218461	40.886	ng	96
52) Acenaphthene	14.66	154	748389	38.491	ng	99
53) 3-Nitroaniline	14.49	138	162770	26.826	ng	99
54) 2,4-Dinitrophenol	14.69	184	201962	74.591	ng	98
55) Dibenzofuran	14.99	168	1107639	41.383	ng	99
56) 4-Nitrophenol	14.80	139	404706	87.039	ng	96
57) 2,4-Dinitrotoluene	14.95	165	301170	41.423	ng	95
58) Fluorene	15.64	166	869209	40.972	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	254169	42.681	ng	96
60) Diethylphthalate	15.41	149	951630	40.247	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	453933	39.406	ng	99
62) 4-Nitroaniline	15.65	138	216117	36.068	ng	95
63) Azobenzene	15.93	77	870373	39.692	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	161276	45.488	ng	97
66) n-Nitrosodiphenylamine	15.84	169	819081	40.194	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	287327	36.918	ng	99
68) Hexachlorobenzene	16.65	284	309080	36.856	ng	99
69) Atrazine	16.80	200	303933	45.884	ng	98
70) Pentachlorophenol	16.99	266	367090	79.407	ng	99
71) Phenanthrene	17.38	178	1349813	40.668	ng	99
72) Anthracene	17.47	178	1381922	42.128	ng	99
73) Carbazole	17.74	167	1256912	41.482	ng	98
74) Di-n-butylphthalate	18.31	149	1539369	39.791	ng	98
75) Fluoranthene	19.39	202	1517237	39.970	ng	98
77) Benzidine	19.56	184	588403	41.781	ng	97
78) Pyrene	19.74	202	1531114	41.866	ng	98
80) Butylbenzylphthalate	20.64	149	702947	40.372	ng	97
81) Benzo(a)anthracene	21.57	228	1421733	40.923	ng	98
82) 3,3'-Dichlorobenzidine	21.48	252	402803	29.347	ng	99
83) Chrysene	21.63	228	1365869	41.376	ng	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	988860	41.160	ng	99
85) Di-n-octyl phthalate	22.68	149	1703309	42.172	ng	98
86) Indeno(1,2,3-cd)pyrene	28.26	276	1702471	37.948	ng	99
88) Benzo(b)fluoranthene	23.73	252	1496376	44.038	ng	98
89) Benzo(k)fluoranthene	23.80	252	1416005	43.823	ng	99
90) Benzo(a)pyrene	24.57	252	1363831	42.526	ng	98
91) Dibenzo(a,h)anthracene	28.33	278	1414179	43.908	ng	98
92) Benzo(g,h,i)perylene	29.38	276	1432887	44.788	ng	98

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

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