Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043660.D
Acq On : 15 Nov 2019 21:11
Operator : JU
Sample : PB124785BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124785BSD

Manual Integrations APPROVED
mohammad
11/18/2019 3:07:07 PM

Quant Time: Nov 18 06:07:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26877	20.00	ng		-0.02
21) Naphthalene-d8	10.79	136	118578	20.00	ng		-0.02
39) Acenaphthene-d10	14.62	164	91715	20.00	ng		-0.02
64) Phenanthrene-d10	17.37	188	226948	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	263256	20.00	ng		-0.02
87) Perylene-d12	24.82	264	294362	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	115690	78.88	ng		0.00
7) Phenol-d6	7.19	99	166150	78.73	ng		0.00
23) Nitrobenzene-d5	9.15	82	153969	66.94	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	116478	66.74	ng		-0.02
45) 2-Fluorobiphenyl	13.25	172	452933	68.24	ng		-0.02
79) Terphenyl-d14	19.98	244	935561	66.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	21461	37.547	ng	#	95
3) Pyridine	3.85	79	49563	34.375	ng		98
4) n-Nitrosodimethylamine	3.77	42	33123	45.527	ng		87
6) Aniline	7.32	93	89323	36.744	ng		95
8) 2-Chlorophenol	7.57	128	74988	46.315	ng		92
9) Benzaldehyde	7.13	77	36653	35.343	ng		96
10) Phenol	7.22	94	93678	48.579	ng		99
11) bis(2-Chloroethyl)ether	7.41	93	58878	39.492	ng		97
12) 1,3-Dichlorobenzene	7.88	146	80327	39.597	ng		99
13) 1,4-Dichlorobenzene	8.03	146	82858	40.370	ng		97
14) 1,2-Dichlorobenzene	8.34	146	78192	39.018	ng		95
15) Benzyl Alcohol	8.24	79	68232	46.039	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	83434	38.487	ng		98
17) 2-Methylphenol	8.46	107	66596	47.373	ng		97
18) Hexachloroethane	9.07	117	29531	39.880	ng		88
19) n-Nitroso-di-n-propylamine	8.80	70	57670	42.292	ng		90
20) 3+4-Methylphenols	8.78	107	89146	46.246	ng		97
22) Acetophenone	8.81	105	111620	36.757	ng	#	91
24) Nitrobenzene	9.20	77	87409	39.894	ng	#	98
25) Isophorone	9.72	82	166191	39.521	ng		96
26) 2-Nitrophenol	9.91	139	44791	42.343	ng		89
27) 2,4-Dimethylphenol	9.99	122	77608	51.189	ng		92
28) bis(2-Chloroethoxy)methane	10.20	93	88450	38.111	ng		99
29) 2,4-Dichlorophenol	10.47	162	88124	45.365	ng		94
30) 1,2,4-Trichlorobenzene	10.66	180	89497	36.554	ng		97
31) Naphthalene	10.85	128	236438	39.282	ng		99
32) Benzoic acid	10.18	122	34089m	32.944	ng		
33) 4-Chloroaniline	10.97	127	65413	26.513	ng		99
34) Hexachlorobutadiene	11.13	225	63184	34.911	ng		92
35) Caprolactam	11.74	113	29371m	43.901	ng		
36) 4-Chloro-3-methylphenol	12.10	107	98746	46.602	ng		99
37) 2-Methylnaphthalene	12.45	142	187490	40.598	ng		97
38) 1-Methylnaphthalene	12.67	142	174930	39.810	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	121289	35.734	ng		97

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Operator : JU
Sample : PB124785BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Nov 18 06:07:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	120436	67.546	ng		99
43) 2,4,6-Trichlorophenol	13.07	196	79381	39.712	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	84109	41.621	ng		95
46) 1,1'-Biphenyl	13.46	154	262612	37.639	ng		97
47) 2-Chloronaphthalene	13.50	162	205200	38.653	ng		99
48) 2-Nitroaniline	13.71	65	64410	40.595	ng		96
49) Acenaphthylene	14.35	152	339371	41.075	ng		100
50) Dimethylphthalate	14.08	163	281771	39.664	ng		98
51) 2,6-Dinitrotoluene	14.20	165	65824	42.651	ng		98
52) Acenaphthene	14.69	154	202174	40.125	ng		96
53) 3-Nitroaniline	14.54	138	47445	31.841	ng		98
54) 2,4-Dinitrophenol	14.75	184	72146	75.329	ng		98
55) Dibenzofuran	15.02	168	334205	40.902	ng		98
56) 4-Nitrophenol	14.89	139	88601	88.732	ng		94
57) 2,4-Dinitrotoluene	14.99	165	94391	42.796	ng		98
58) Fluorene	15.68	166	282227	41.182	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	86455	40.267	ng		95
60) Diethylphthalate	15.44	149	291658	40.860	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	160766	40.212	ng		96
62) 4-Nitroaniline	15.71	138	68180	44.306	ng		91
63) Azobenzene	15.96	77	240938	41.707	ng		96
65) 4,6-Dinitro-2-methylphenol	15.76	198	56541	42.334	ng		96
66) n-Nitrosodiphenylamine	15.88	169	258819	40.394	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	116681	38.203	ng		97
68) Hexachlorobenzene	16.68	284	129299	36.881	ng		97
69) Atrazine	16.83	200	99460	44.673	ng		99
70) Pentachlorophenol	17.03	266	118466	74.158	ng		98
71) Phenanthrene	17.42	178	468258	40.293	ng		99
72) Anthracene	17.50	178	479978	41.280	ng		99
73) Carbazole	17.78	167	442642	42.038	ng		100
74) Di-n-butylphthalate	18.33	149	521829	40.844	ng		99
75) Fluoranthene	19.42	202	646083	42.644	ng		99
77) Benzidine	19.61	184	223792	42.240	ng		98
78) Pyrene	19.79	202	646885	39.698	ng		99
80) Butylbenzylphthalate	20.66	149	239046	38.721	ng		95
81) Benzo(a)anthracene	21.62	228	648858	39.348	ng		100
82) 3,3'-Dichlorobenzidine	21.53	252	221592	34.743	ng		98
83) Chrysene	21.68	228	640875	39.115	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	349816	39.889	ng		99
85) Di-n-octyl phthalate	22.71	149	602627	40.503	ng		100
86) Indeno(1,2,3-cd)pyrene	28.45	276	831734	40.442	ng	#	99
88) Benzo(b)fluoranthene	23.81	252	702688	42.149	ng		99
89) Benzo(k)fluoranthene	23.87	252	691820	41.220	ng		97
90) Benzo(a)pyrene	24.67	252	689463	43.307	ng		99
91) Dibenzo(a,h)anthracene	28.50	278	706526	43.387	ng		98
92) Benzo(g,h,i)perylene	29.58	276	696613	43.368	ng		97

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

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