Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043247.D
Acq On : 16 Oct 2019 16:23
Operator : JU
Sample : PB123988BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123988BS

Manual Integrations APPROVED
mohammad
10/18/2019 8:25:58 AM

Quant Time: Oct 16 17:47:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49042	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	178047	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	129938	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	316441	20.00	ng		0.00
76) Chrysene-d12	21.70	240	346919	20.00	ng		0.00
87) Perylene-d12	24.93	264	299706	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	321060	116.83	ng		0.00
7) Phenol-d6	7.23	99	427575	108.05	ng		0.00
23) Nitrobenzene-d5	9.21	82	222609	60.77	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	281238	125.87	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	570445	63.64	ng		0.00
79) Terphenyl-d14	20.03	244	1146756	70.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	34589	30.189	ng		89
3) Pyridine	3.92	79	83820	26.011	ng		85
4) n-Nitrosodimethylamine	3.83	42	59019	38.085	ng	#	89
6) Aniline	7.38	93	132262	27.687	ng		98
8) 2-Chlorophenol	7.62	128	125620	43.834	ng		96
9) Benzaldehyde	7.19	77	41342	17.096	ng		83
10) Phenol	7.25	94	151805	41.811	ng		92
11) bis(2-Chloroethyl)ether	7.47	93	105417	37.526	ng		89
12) 1,3-Dichlorobenzene	7.94	146	142304	38.924	ng		98
13) 1,4-Dichlorobenzene	8.08	146	147483	40.467	ng		96
14) 1,2-Dichlorobenzene	8.41	146	140113	40.382	ng		93
15) Benzyl Alcohol	8.29	79	112190	37.708	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	145323	26.937	ng		95
17) 2-Methylphenol	8.50	107	106520	41.929	ng		99
18) Hexachloroethane	9.13	117	50870	37.062	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	91239	35.112	ng	#	96
20) 3+4-Methylphenols	8.83	107	143823	41.311	ng		97
22) Acetophenone	8.87	105	182773	39.824	ng	#	95
24) Nitrobenzene	9.25	77	139746	39.995	ng		93
25) Isophorone	9.78	82	262666	40.822	ng		96
26) 2-Nitrophenol	9.97	139	67807	45.587	ng		95
27) 2,4-Dimethylphenol	10.03	122	112252	49.141	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	139924	38.328	ng		99
29) 2,4-Dichlorophenol	10.51	162	131684	46.353	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	150096	40.913	ng		99
31) Naphthalene	10.91	128	381939	43.577	ng		99
32) Benzoic acid	10.19	122	60856	36.249	ng		93
33) 4-Chloroaniline	11.02	127	97173	25.550	ng		95
34) Hexachlorobutadiene	11.20	225	106596	38.805	ng		98
35) Caprolactam	11.78	113	40234m	40.160	ng		
36) 4-Chloro-3-methylphenol	12.14	107	141104	45.681	ng		96
37) 2-Methylnaphthalene	12.51	142	290413	43.434	ng		94
38) 1-Methylnaphthalene	12.72	142	273179	43.178	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	189600	38.808	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	177783	57.112	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	122639	42.888	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	132753	45.066	ng		97
46) 1,1'-Biphenyl	13.51	154	391987	39.780	ng		98
47) 2-Chloronaphthalene	13.55	162	304194	41.175	ng		97
48) 2-Nitroaniline	13.76	65	93897	38.219	ng		94
49) Acenaphthylene	14.40	152	485759	42.970	ng		98
50) Dimethylphthalate	14.13	163	400022	41.088	ng		99
51) 2,6-Dinitrotoluene	14.25	165	90921	43.853	ng		89
52) Acenaphthene	14.74	154	287364	37.978	ng		98
53) 3-Nitroaniline	14.59	138	66598	31.082	ng		88
54) 2,4-Dinitrophenol	14.79	184	114874	89.137	ng		94
55) Dibenzofuran	15.07	168	475895	42.516	ng		97
56) 4-Nitrophenol	14.90	139	144478	88.498	ng		93
57) 2,4-Dinitrotoluene	15.04	165	130871	43.104	ng		94
58) Fluorene	15.73	166	403100	42.181	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	137872	43.957	ng	#	98
60) Diethylphthalate	15.49	149	398048	40.174	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	228679	39.900	ng		98
62) 4-Nitroaniline	15.75	138	88289	37.782	ng		92
63) Azobenzene	16.01	77	346134	38.371	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	87971	49.129	ng		92
66) n-Nitrosodiphenylamine	15.93	169	360706	43.180	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	162323	40.871	ng		98
68) Hexachlorobenzene	16.73	284	185614	41.974	ng		97
69) Atrazine	16.88	200	149312	42.446	ng		97
70) Pentachlorophenol	17.08	266	220606	86.455	ng		99
71) Phenanthrene	17.47	178	657378	42.552	ng		98
72) Anthracene	17.55	178	664160	43.064	ng		99
73) Carbazole	17.82	167	611416	42.751	ng		98
74) Di-n-butylphthalate	18.38	149	701635	41.118	ng		100
75) Fluoranthene	19.48	202	880760	43.103	ng		97
77) Benzidine	19.66	184	187253	21.557	ng		98
78) Pyrene	19.83	202	891761	43.067	ng		99
80) Butylbenzylphthalate	20.72	149	321542	40.911	ng		99
81) Benzo(a)anthracene	21.68	228	905177	41.875	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	313990	37.035	ng		96
83) Chrysene	21.75	228	872058	41.572	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	459380	41.076	ng		97
85) Di-n-octyl phthalate	22.80	149	793114	43.369	ng		95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1138586	43.600	ng		99
88) Benzo(b)fluoranthene	23.90	252	946338	55.804	ng		100
89) Benzo(k)fluoranthene	23.97	252	958992	57.164	ng		99
90) Benzo(a)pyrene	24.78	252	876104	54.759	ng		99
91) Dibenzo(a,h)anthracene	28.66	278	973436	59.334	ng		98
92) Benzo(g,h,i)perylene	29.76	276	966061	60.773	ng		98

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

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