Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043753.D
Acq On : 23 Nov 2019 13:10
Operator : JU
Sample : PB125036BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125036BS

Manual Integrations APPROVED
mohammad
11/25/2019 2:33:40 PM

Quant Time: Nov 25 02:37:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	11392	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	83759	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	93316	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	318247	20.00	ng		0.00
76) Chrysene-d12	21.66	240	598720	20.00	ng		0.00
87) Perylene-d12	24.84	264	456665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	124827	196.99	ng		0.00
7) Phenol-d6	7.17	99	219840	238.66	ng		0.00
23) Nitrobenzene-d5	9.18	82	96388	63.27	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	170136	151.16	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	321246	56.59	ng		0.00
79) Terphenyl-d14	20.01	244	1402228	52.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	6320	22.494	ng	#	83
3) Pyridine	3.91	79	23244	29.381	ng		94
4) n-Nitrosodimethylamine	3.81	42	18972	48.276	ng	#	88
6) Aniline	7.35	93	62458	52.031	ng		99
8) 2-Chlorophenol	7.59	128	53677	74.269	ng		90
9) Benzaldehyde	7.16	77	21005	38.175	ng		93
10) Phenol	7.20	94	82138	86.860	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	43453	55.059	ng		93
12) 1,3-Dichlorobenzene	7.92	146	36095	42.425	ng		92
13) 1,4-Dichlorobenzene	8.06	146	38929	45.175	ng		97
14) 1,2-Dichlorobenzene	8.39	146	41391	50.763	ng		97
15) Benzyl Alcohol	8.26	79	61041	79.337	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.56	45	70577	52.000	ng		99
17) 2-Methylphenol	8.46	107	57475	85.011	ng		98
18) Hexachloroethane	9.12	117	13184	40.528	ng		89
19) n-Nitroso-di-n-propylamine	8.83	70	51166	70.634	ng		97
20) 3+4-Methylphenols	8.78	107	84659	89.756	ng		99
22) Acetophenone	8.84	105	86514	38.971	ng	#	98
24) Nitrobenzene	9.22	77	67388	43.036	ng		98
25) Isophorone	9.75	82	159592	48.857	ng		99
26) 2-Nitrophenol	9.94	139	24973	44.204	ng		98
27) 2,4-Dimethylphenol	10.00	122	67312	60.679	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	84056	41.751	ng		98
29) 2,4-Dichlorophenol	10.47	162	73950	54.835	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	57267	36.238	ng		96
31) Naphthalene	10.88	128	183323	44.121	ng		99
32) Benzoic acid	10.08	122	48419	60.526	ng		91
33) 4-Chloroaniline	10.98	127	78264	39.096	ng		97
34) Hexachlorobutadiene	11.18	225	30614	29.460	ng		99
35) Caprolactam	11.76	113	46334m	84.495	ng		
36) 4-Chloro-3-methylphenol	12.09	107	101883	67.225	ng		96
37) 2-Methylnaphthalene	12.48	142	161405	51.549	ng		99
38) 1-Methylnaphthalene	12.70	142	160985	54.174	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	90059	30.330	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	73075	45.551 ng		99
43) 2,4,6-Trichlorophenol	13.09	196	76796	40.214 ng		97
44) 2,4,5-Trichlorophenol	13.15	196	92958	46.790 ng		97
46) 1,1'-Biphenyl	13.49	154	234085	36.189 ng		99
47) 2-Chloronaphthalene	13.53	162	190272	36.071 ng		98
48) 2-Nitroaniline	13.71	65	73109	47.341 ng		97
49) Acenaphthylene	14.37	152	359262	43.289 ng		99
50) Dimethylphthalate	14.11	163	335000	45.318 ng		100
51) 2,6-Dinitrotoluene	14.21	165	69896	50.916 ng		99
52) Acenaphthene	14.72	154	245364	46.231 ng		99
53) 3-Nitroaniline	14.54	138	66945	41.751 ng		96
54) 2,4-Dinitrophenol	14.74	184	68366	121.893 ng	#	68
55) Dibenzofuran	15.05	168	377380	45.642 ng		97
56) 4-Nitrophenol	14.84	139	187667	138.951 ng		100
57) 2,4-Dinitrotoluene	15.00	165	111775	58.712 ng		95
58) Fluorene	15.70	166	323723	47.743 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	102855m	51.546 ng		
60) Diethylphthalate	15.48	149	374032	50.617 ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	162155	43.436 ng		99
62) 4-Nitroaniline	15.70	138	105387	57.318 ng		97
63) Azobenzene	15.99	77	334766	48.115 ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	54633	47.060 ng		92
66) n-Nitrosodiphenylamine	15.91	169	321491	38.154 ng		100
67) 4-Bromophenyl-phenylether	16.59	248	120887	36.020 ng		96
68) Hexachlorobenzene	16.71	284	132322	36.065 ng		100
69) Atrazine	16.86	200	159812	47.325 ng		97
70) Pentachlorophenol	17.05	266	215160	96.105 ng		95
71) Phenanthrene	17.44	178	692821	43.997 ng		98
72) Anthracene	17.53	178	712091	44.765 ng		99
73) Carbazole	17.79	167	768234	51.241 ng		99
74) Di-n-butylphthalate	18.37	149	921068	45.663 ng		99
75) Fluoranthene	19.45	202	1160924	51.394 ng		99
77) Benzidine	19.62	184	304443	17.407 ng		99
78) Pyrene	19.81	202	1219049	31.549 ng		99
80) Butylbenzylphthalate	20.71	149	659538	37.468 ng		99
81) Benzo(a)anthracene	21.65	228	1600374	39.983 ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	560244	37.325 ng		99
83) Chrysene	21.71	228	1526797	40.312 ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	1037454	41.888 ng		98
85) Di-n-octyl phthalate	22.80	149	1617351	40.260 ng		99
86) Indeno(1,2,3-cd)pyrene	28.47	276	1550929	35.202 ng	#	95
88) Benzo(b)fluoranthene	23.84	252	1475269	54.107 ng		97
89) Benzo(k)fluoranthene	23.91	252	1357065	51.860 ng		99
90) Benzo(a)pyrene	24.70	252	1263426	49.278 ng		99
91) Dibenzo(a,h)anthracene	28.54	278	1288448	51.810 ng		99
92) Benzo(g,h,i)perylene	29.60	276	1302020	53.091 ng		99

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

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