Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038416.D
Acq On : 7 Dec 2018 23:25
Operator : JU/SJ
Sample : PB115432BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115432BS

Manual Integrations APPROVED
Sohil
12/11/2018 10:30:32 AM

Quant Time: Dec 10 10:30:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20461	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	92059	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	38974	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	131051	20.00	ng		0.00
76) Chrysene-d12	21.73	240	103325	20.00	ng		-0.01
87) Perylene-d12	25.03	264	1755	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	141266	122.18	ng		0.00
7) Phenol-d6	7.22	99	121267	72.57	ng		0.00
23) Nitrobenzene-d5	9.24	82	126437	68.19	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	84941	177.53	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	445346	162.82	ng		0.00
79) Terphenyl-d14	20.05	244	503263	104.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	17816	33.620	ng	#	83
3) Pyridine	3.93	79	174	0.110	ng	#	1
4) n-Nitrosodimethylamine	3.83	42	31795	45.785	ng		86
8) 2-Chlorophenol	7.63	128	57134	42.548	ng		97
9) Benzaldehyde	7.21	77	18145	17.147	ng		95
10) Phenol	7.25	94	54896	31.091	ng		91
11) bis(2-Chloroethyl)ether	7.49	93	51679	35.738	ng		97
12) 1,3-Dichlorobenzene	7.95	146	56287	35.865	ng		97
13) 1,4-Dichlorobenzene	8.11	146	56906	35.044	ng		97
14) 1,2-Dichlorobenzene	8.42	146	56809	37.482	ng		95
15) Benzyl Alcohol	8.31	79	2093	1.523	ng	#	55
16) 2,2'-oxybis(1-Chloropropan	8.59	45	121153	36.834	ng		96
17) 2-Methylphenol	8.50	107	32234	23.677	ng		95
18) Hexachloroethane	9.15	117	21144	36.077	ng		92
19) n-Nitroso-di-n-propylamine	8.87	70	52505	43.154	ng		93
20) 3+4-Methylphenols	8.83	107	46609	26.202	ng		94
22) Acetophenone	8.90	105	90696	40.871	ng	#	95
24) Nitrobenzene	9.29	77	69880	37.094	ng		99
25) Isophorone	9.80	82	146075	44.827	ng		97
26) 2-Nitrophenol	10.00	139	32930	37.725	ng	#	85
27) 2,4-Dimethylphenol	10.04	122	41788	33.330	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	5449	2.917	ng	#	89
29) 2,4-Dichlorophenol	10.53	162	63852	44.615	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	62664	37.299	ng		99
31) Naphthalene	10.94	128	180095	40.955	ng		99
32) Benzoic acid	10.18	122	34762	39.942	ng		96
34) Hexachlorobutadiene	11.20	225	38253	36.395	ng		92
35) Caprolactam	11.95	113	32155m	54.331	ng		
36) 4-Chloro-3-methylphenol	12.15	107	99347	62.477	ng		99
37) 2-Methylnaphthalene	12.54	142	217298	69.388	ng		97
38) 1-Methylnaphthalene	12.75	142	205207	68.416	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	104144	77.656	ng	#	98
41) Hexachlorocyclopentadiene	12.86	237	142738	193.679	ng		97
43) 2,4,6-Trichlorophenol	13.14	196	75671	87.104	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.21	196	84226	91.517	ng		96
46) 1,1'-Biphenyl	13.54	154	281310	85.390	ng		100
47) 2-Chloronaphthalene	13.59	162	221070	88.927	ng		97
48) 2-Nitroaniline	13.81	65	34837	41.770	ng		98
49) Acenaphthylene	14.43	152	52902	14.130	ng		99
50) Dimethylphthalate	14.15	163	284950	91.153	ng		99
51) 2,6-Dinitrotoluene	14.29	165	66531	93.169	ng		98
52) Acenaphthene	14.77	154	108506	47.539	ng		100
54) 2,4-Dinitrophenol	14.82	184	85598	218.673	ng		89
55) Dibenzofuran	15.10	168	224201	59.416	ng		95
56) 4-Nitrophenol	14.93	139	73353	120.743	ng		96
57) 2,4-Dinitrotoluene	15.07	165	64992	65.989	ng		95
58) Fluorene	15.75	166	166200	59.784	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	51348	64.239	ng		98
60) Diethylphthalate	15.51	149	189017	54.577	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	95307	57.076	ng		99
62) 4-Nitroaniline	15.84	138	4152	5.489	ng		89
63) Azobenzene	16.03	77	14429	4.761	ng		88
65) 4,6-Dinitro-2-methylphenol	15.83	198	40345	46.986	ng		94
66) n-Nitrosodiphenylamine	15.95	169	591	0.160	ng	#	76
67) 4-Bromophenyl-phenylether	16.64	248	63151	44.623	ng		96
68) Hexachlorobenzene	16.75	284	65162	44.640	ng		97
70) Pentachlorophenol	17.09	266	73928	73.941	ng		95
71) Phenanthrene	17.49	178	292260	44.532	ng		99
72) Anthracene	17.59	178	231136	36.367	ng		99
73) Carbazole	17.57	167	54	0.009	ng	#	1
74) Di-n-butylphthalate	18.39	149	329690	44.739	ng		97
75) Fluoranthene	19.50	202	312556	40.762	ng		96
78) Pyrene	19.86	202	75956	10.506	ng		96
80) Butylbenzylphthalate	20.73	149	38069	13.092	ng		96
81) Benzo(a)anthracene	21.71	228	252639	39.783	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	491	0.199	ng	#	1
83) Chrysene	21.78	228	273682	45.542	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	198019	48.047	ng		100
85) Di-n-octyl phthalate	22.81	149	329889	46.682	ng		96
86) Indeno(1,2,3-cd)pyrene	28.87	276	72578	10.627	ng	#	85
88) Benzo(b)fluoranthene	23.97	252	227948m	2298.712	ng		
89) Benzo(k)fluoranthene	24.05	252	137313	1390.327	ng		98
90) Benzo(a)pyrene	24.89	252	24692	256.708	ng		98
91) Dibenzo(a,h)anthracene	28.88	278	173787	1904.970	ng		99
92) Benzo(g,h,i)perylene	30.00	276	30203	333.692	ng	#	91

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

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