Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010318\
Data File : BG031897.D
Acq On : 3 Jan 2018 19:07
Operator : SJ/JU
Sample : PB105460BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105460BS

Manual Integrations APPROVED
Sohil
1/4/2018 1:52:51 PM

Quant Time: Jan 04 06:44:15 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	46255	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	202670	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	144129	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	372812	20.00	ng		0.00
75) Chrysene-d12	22.49	240	431875	20.00	ng		-0.01
86) Perylene-d12	26.22	264	458588	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	354422	139.56	ng		0.00
7) Phenol-d6	7.89	99	462900	140.39	ng		0.00
23) Nitrobenzene-d5	9.98	82	246713	91.92	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	327766	149.04	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	927536	80.77	ng		0.00
78) Terphenyl-d14	20.68	244	1721316	91.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	28632	30.415	ng	#	73
3) Pyridine	4.31	79	84294	33.499	ng	#	79
4) n-Nitrosodimethylamine	4.21	42	37771	37.198	ng	#	83
6) Aniline	8.08	93	53549	12.623	ng		92
8) 2-Chlorophenol	8.33	128	124883	42.393	ng	#	81
9) Benzaldehyde	7.89	77	28326	14.267	ng		81
10) Phenol	7.92	94	144997	43.558	ng		88
11) bis(2-Chloroethyl)ether	8.17	93	95573	34.571	ng	#	81
12) 1,3-Dichlorobenzene	8.67	146	131210	35.867	ng	#	94
13) 1,4-Dichlorobenzene	8.82	146	134102	35.886	ng		91
14) 1,2-Dichlorobenzene	9.16	146	130033	36.723	ng		96
15) Benzyl Alcohol	9.02	79	100014	40.407	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.31	45	97707	43.399	ng		82
17) 2-Methylphenol	9.22	107	103408	43.415	ng		98
18) Hexachloroethane	9.91	117	39933	35.283	ng		91
19) n-Nitroso-di-n-propylamine	9.60	70	76879	34.142	ng	#	84
20) 3+4-Methylphenols	9.55	107	142610	42.128	ng		96
22) Acetophenone	9.63	105	171292	36.378	ng	#	85
24) Nitrobenzene	10.03	77	109959	39.751	ng	#	80
25) Isophorone	10.55	82	221100	38.267	ng	#	85
26) 2-Nitrophenol	10.75	139	72420	49.933	ng	#	82
27) 2,4-Dimethylphenol	10.79	122	133928	43.883	ng		87
28) bis(2-Chloroethoxy)methane	11.03	93	137969	35.588	ng		96
29) 2,4-Dichlorophenol	11.29	162	156158	43.585	ng		89
30) 1,2,4-Trichlorobenzene	11.52	180	153375	35.060	ng		99
31) Naphthalene	11.72	128	380757	37.226	ng		99
32) Benzoic acid	10.89	122	84003m	41.428	ng		
33) 4-Chloroaniline	11.81	127	56546	12.417	ng	#	91
34) Hexachlorobutadiene	11.99	225	100560	33.483	ng		96
35) Caprolactam	12.56	113	52501	48.342	ng	#	41
36) 4-Chloro-3-methylphenol	12.89	107	147187	44.481	ng	#	80
37) 2-Methylnaphthalene	13.28	142	319866	38.577	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	220760	36.364	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	259409	80.999	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	148917	42.545	ng		99
43) 2,4,5-Trichlorophenol	13.93	196	163433	42.133	ng	#	93
45) 1,1'-Biphenyl	14.25	154	474069	38.511	ng		95
46) 2-Chloronaphthalene	14.31	162	356112	37.927	ng		96
47) 2-Nitroaniline	14.50	65	80927	49.904	ng	#	66
48) Acenaphthylene	15.15	152	556913	37.074	ng		98
49) Dimethylphthalate	14.85	163	490960	38.667	ng		99
50) 2,6-Dinitrotoluene	14.97	165	111100	47.564	ng	#	67
51) Acenaphthene	15.48	154	400349	40.694	ng		96
52) 3-Nitroaniline	15.31	138	51234	22.482	ng	#	67
53) 2,4-Dinitrophenol	15.50	184	102809	101.355	ng	#	76
54) Dibenzofuran	15.81	168	593434	39.351	ng		98
55) 4-Nitrophenol	15.58	139	177679	95.794	ng	#	67
56) 2,4-Dinitrotoluene	15.75	165	154958	51.592	ng	#	62
57) Fluorene	16.45	166	481314	39.287	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.02	232	174595	46.134	ng	#	84
59) Diethylphthalate	16.19	149	474014	38.302	ng		95
60) 4-Chlorophenyl-phenylether	16.43	204	282510	37.688	ng		92
61) 4-Nitroaniline	16.46	138	92258	41.486	ng		81
62) Azobenzene	16.72	77	315190	39.713	ng		84
64) 4,6-Dinitro-2-methylphenol	16.51	198	80617	45.064	ng	#	69
65) n-Nitrosodiphenylamine	16.64	169	451555	36.469	ng		98
66) 4-Bromophenyl-phenylether	17.32	248	210124	38.976	ng		95
67) Hexachlorobenzene	17.45	284	217624	39.488	ng	#	89
68) Atrazine	17.57	200	196956	40.908	ng		97
69) Pentachlorophenol	17.79	266	290371	76.602	ng		99
70) Phenanthrene	18.19	178	828415	39.264	ng		99
71) Anthracene	18.29	178	846415	39.770	ng		99
72) Carbazole	18.54	167	751858	39.913	ng		100
73) Di-n-butylphthalate	19.05	149	819967	39.169	ng		99
74) Fluoranthene	20.15	202	1057030	40.831	ng		97
76) Benzidine	20.31	184	268681	20.156	ng		98
77) Pyrene	20.51	202	1070017	38.787	ng		98
79) Butylbenzylphthalate	21.38	149	369849	39.937	ng	#	75
80) Benzo(a)anthracene	22.47	228	1067971	38.875	ng		98
81) 3,3'-Dichlorobenzidine	22.36	252	199252	18.707	ng	#	97
82) Chrysene	22.55	228	1003067	38.590	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	498237	37.135	ng	#	96
84) Di-n-octyl phthalate	23.71	149	862391	38.166	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.56	276	1336419	40.076	ng	#	89
87) Benzo(b)fluoranthene	25.03	252	1114331	39.145	ng	#	97
88) Benzo(k)fluoranthene	25.11	252	1103659	38.741	ng	#	97
89) Benzo(a)pyrene	26.05	252	1094616	40.150	ng	#	96
90) Dibenzo(a,h)anthracene	30.65	278	1109618	39.409	ng		95
91) Benzo(g,h,i)perylene	30.56	276	1336419	40.201	ng	#	94

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

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