Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036230.D
Acq On : 9 Aug 2018 13:04
Operator : JU/SJ
Sample : PB111883BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111883BS

Manual Integrations APPROVED
Sohil
8/9/2018 3:17:08 PM

Quant Time: Aug 09 13:56:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29951	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	113123	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	82229	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	231838	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	260879	20.00	ng		-0.02
86) Perylene-d12	24.82	264	242649	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	239185	132.58	ng		0.00
7) Phenol-d6	7.19	99	340861	126.64	ng		0.00
23) Nitrobenzene-d5	9.17	82	228633	84.43	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	172955	159.58	ng		-0.01
44) 2-Fluorobiphenyl	13.26	172	528183	86.06	ng		-0.02
78) Terphenyl-d14	19.99	244	1086886	91.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	30508	33.226	ng	#	73
3) Pyridine	3.90	79	74901	31.248	ng	#	77
4) n-Nitrosodimethylamine	3.82	42	35380	34.375	ng	#	77
6) Aniline	7.34	93	106316	30.475	ng		95
8) 2-Chlorophenol	7.58	128	78016	42.521	ng		96
9) Benzaldehyde	7.15	77	44585	26.997	ng		92
10) Phenol	7.21	94	112801	41.482	ng		94
11) bis(2-Chloroethyl)ether	7.43	93	76132	35.749	ng		87
12) 1,3-Dichlorobenzene	7.90	146	92242	41.631	ng		96
13) 1,4-Dichlorobenzene	8.04	146	91670	40.720	ng		95
14) 1,2-Dichlorobenzene	8.36	146	89686	41.470	ng		98
15) Benzyl Alcohol	8.25	79	87228	35.688	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.53	45	86221	48.292	ng		74
17) 2-Methylphenol	8.46	107	77475	41.904	ng	#	88
18) Hexachloroethane	9.09	117	35824	41.619	ng	#	84
19) n-Nitroso-di-n-propylamine	8.82	70	72590	32.027	ng	#	83
20) 3+4-Methylphenols	8.79	107	105552	41.153	ng		89
22) Acetophenone	8.83	105	137015	38.949	ng	#	91
24) Nitrobenzene	9.22	77	112370	41.262	ng		93
25) Isophorone	9.73	82	205099	40.801	ng		98
26) 2-Nitrophenol	9.93	139	46078	47.641	ng	#	84
27) 2,4-Dimethylphenol	9.99	122	81961	50.062	ng		88
28) bis(2-Chloroethoxy)methane	10.21	93	109623	39.576	ng		98
29) 2,4-Dichlorophenol	10.47	162	90458	48.402	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	102591	44.767	ng		97
31) Naphthalene	10.86	128	246572	41.844	ng		99
32) Benzoic acid	10.16	122	25612	23.238	ng		91
33) 4-Chloroaniline	10.98	127	60490	23.553	ng	#	93
34) Hexachlorobutadiene	11.14	225	81983	45.877	ng		97
35) Caprolactam	11.77	113	30448m	37.965	ng		
36) 4-Chloro-3-methylphenol	12.10	107	113050	45.128	ng		96
37) 2-Methylnaphthalene	12.46	142	192017	43.738	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	134653	43.386	ng		99
40) Hexachlorocyclopentadiene	12.80	237	153936	94.575	ng		91

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	86904	47.881	ng		96
43) 2,4,5-Trichlorophenol	13.16	196	95090	46.832	ng		97
45) 1,1'-Biphenyl	13.46	154	264676	41.517	ng		98
46) 2-Chloronaphthalene	13.51	162	207310	41.806	ng		97
47) 2-Nitroaniline	13.72	65	75543	43.090	ng		96
48) Acenaphthylene	14.36	152	356507	42.918	ng		98
49) Dimethylphthalate	14.09	163	296352	41.134	ng	#	99
50) 2,6-Dinitrotoluene	14.21	165	69912	47.653	ng		95
51) Acenaphthene	14.70	154	204014	39.427	ng		98
52) 3-Nitroaniline	14.55	138	48465	32.321	ng	#	93
53) 2,4-Dinitrophenol	14.76	184	61992	81.991	ng	#	65
54) Dibenzofuran	15.03	168	353503	42.956	ng		97
55) 4-Nitrophenol	14.87	139	80299	75.195	ng	#	81
56) 2,4-Dinitrotoluene	15.00	165	101459	48.205	ng		90
57) Fluorene	15.68	166	294847	42.747	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.26	232	98876	50.790	ng		93
59) Diethylphthalate	15.45	149	298550	40.301	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	170524	42.063	ng		97
61) 4-Nitroaniline	15.71	138	63834	40.697	ng	#	74
62) Azobenzene	15.97	77	301164	41.215	ng		95
64) 4,6-Dinitro-2-methylphenol	15.77	198	57617	44.645	ng		88
65) n-Nitrosodiphenylamine	15.89	169	263188	39.883	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	118882	44.199	ng		95
67) Hexachlorobenzene	16.69	284	123736	44.672	ng		95
68) Atrazine	16.83	200	126970	46.732	ng		93
69) Pentachlorophenol	17.03	266	112023	66.399	ng		95
70) Phenanthrene	17.42	178	492929	42.610	ng		98
71) Anthracene	17.51	178	499226	43.340	ng		97
72) Carbazole	17.79	167	452426	41.358	ng		98
73) Di-n-butylphthalate	18.33	149	528901	40.914	ng	#	98
74) Fluoranthene	19.43	202	673049	43.193	ng		97
76) Benzidine	19.61	184	208413	30.387	ng	#	95
77) Pyrene	19.79	202	659680	39.991	ng		98
79) Butylbenzylphthalate	20.67	149	247193	41.905	ng		97
80) Benzo(a)anthracene	21.62	228	681098	41.895	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	178903	31.560	ng	#	97
82) Chrysene	21.69	228	637674	42.328	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	347646	43.349	ng		98
84) Di-n-octyl phthalate	22.72	149	573393	42.702	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	706275	42.344	ng	#	53
87) Benzo(b)fluoranthene	23.81	252	630862	42.776	ng	#	95
88) Benzo(k)fluoranthene	23.88	252	633495	43.937	ng	#	97
89) Benzo(a)pyrene	24.68	252	613441	44.710	ng	#	96
90) Dibenzo(a,h)anthracene	28.52	278	585682	43.480	ng	#	96
91) Benzo(g,h,i)perylene	29.60	276	604199	45.838	ng	#	92

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

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