Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036127.D
Acq On : 6 Aug 2018 14:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
8/7/2018 6:53:47 PM

Quant Time: Aug 06 16:45:32 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	27987	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	109498	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	82383	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	239210	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	282615	20.00	ng		-0.02
86) Perylene-d12	24.82	264	256807	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	127562	75.67	ng		-0.01
7) Phenol-d6	7.18	99	188012	74.75	ng		-0.02
23) Nitrobenzene-d5	9.17	82	201483	76.87	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	103027	94.88	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	478488	77.81	ng		-0.02
78) Terphenyl-d14	19.99	244	1025176	79.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	29967	34.927	ng	#	67
3) Pyridine	3.91	79	72392	32.320	ng	#	78
4) n-Nitrosodimethylamine	3.82	42	32418	33.708	ng	#	67
6) Aniline	7.34	93	112929	34.642	ng		97
8) 2-Chlorophenol	7.58	128	67845	39.572	ng		92
9) Benzaldehyde	7.16	77	53049	34.376	ng		95
10) Phenol	7.21	94	93762	36.900	ng		90
11) bis(2-Chloroethyl)ether	7.43	93	73556	36.964	ng		84
12) 1,3-Dichlorobenzene	7.90	146	81730	39.476	ng		96
13) 1,4-Dichlorobenzene	8.04	146	83619	39.750	ng		91
14) 1,2-Dichlorobenzene	8.37	146	78749	38.968	ng		99
15) Benzyl Alcohol	8.25	79	79423	34.775	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.54	45	62549m	37.492	ng		
17) 2-Methylphenol	8.45	107	64992	37.620	ng		91
18) Hexachloroethane	9.09	117	31759	39.486	ng		91
19) n-Nitroso-di-n-propylamine	8.81	70	70615	33.342	ng	#	86
20) 3+4-Methylphenols	8.78	107	89515	37.350	ng		94
22) Acetophenone	8.83	105	125791	36.942	ng	#	91
24) Nitrobenzene	9.21	77	99043	37.572	ng		91
25) Isophorone	9.74	82	174910	35.947	ng		97
26) 2-Nitrophenol	9.93	139	42083	44.951	ng	#	83
27) 2,4-Dimethylphenol	9.98	122	61966	39.102	ng		84
28) bis(2-Chloroethoxy)methane	10.22	93	99088	36.957	ng		97
29) 2,4-Dichlorophenol	10.47	162	78087	43.166	ng		90
30) 1,2,4-Trichlorobenzene	10.68	180	94104	42.423	ng		99
31) Naphthalene	10.86	128	219029	38.400	ng		99
32) Benzoic acid	10.14	122	42320m	39.669	ng		
33) 4-Chloroaniline	10.97	127	96487	38.812	ng	#	88
34) Hexachlorobutadiene	11.15	225	74976	43.345	ng		93
35) Caprolactam	11.76	113	30538	39.338	ng	#	58
36) 4-Chloro-3-methylphenol	12.10	107	105748	43.611	ng		91
37) 2-Methylnaphthalene	12.46	142	167554	39.430	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	123339	39.666	ng		99
40) Hexachlorocyclopentadiene	12.81	237	55614	34.104	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	79570	43.758	ng		96
43) 2,4,5-Trichlorophenol	13.15	196	84894	41.733	ng		93
45) 1,1'-Biphenyl	13.47	154	244325	38.253	ng		98
46) 2-Chloronaphthalene	13.51	162	186980	37.636	ng		100
47) 2-Nitroaniline	13.72	65	68873	39.212	ng		98
48) Acenaphthylene	14.36	152	319396	38.379	ng		98
49) Dimethylphthalate	14.09	163	278234	38.547	ng		99
50) 2,6-Dinitrotoluene	14.21	165	62460	42.494	ng		92
51) Acenaphthene	14.70	154	198815	38.350	ng		97
52) 3-Nitroaniline	14.55	138	61633	41.026	ng	#	94
53) 2,4-Dinitrophenol	14.75	184	29910	42.898	ng	#	59
54) Dibenzofuran	15.03	168	324259	39.328	ng		94
55) 4-Nitrophenol	14.87	139	46414	43.383	ng	#	88
56) 2,4-Dinitrotoluene	15.00	165	90062	42.710	ng		92
57) Fluorene	15.68	166	275438	39.859	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	86096	44.142	ng	#	93
59) Diethylphthalate	15.45	149	292666	39.433	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	166165	40.912	ng		94
61) 4-Nitroaniline	15.71	138	61596	39.197	ng	#	78
62) Azobenzene	15.96	77	264611	36.145	ng		97
64) 4,6-Dinitro-2-methylphenol	15.76	198	55437	41.632	ng		89
65) n-Nitrosodiphenylamine	15.89	169	263786	38.742	ng		96
66) 4-Bromophenyl-phenylether	16.57	248	113426	40.871	ng		98
67) Hexachlorobenzene	16.69	284	114080	39.916	ng		92
68) Atrazine	16.83	200	95776	34.164	ng		97
69) Pentachlorophenol	17.04	266	59838	34.374	ng		92
70) Phenanthrene	17.42	178	456826	38.272	ng		98
71) Anthracene	17.51	178	462175	38.887	ng		99
72) Carbazole	17.78	167	423662	37.535	ng		98
73) Di-n-butylphthalate	18.34	149	516287	38.707	ng	#	97
74) Fluoranthene	19.43	202	616476	38.343	ng		97
76) Benzidine	19.61	184	222311m	29.921	ng		
77) Pyrene	19.79	202	630950	35.308	ng		98
79) Butylbenzylphthalate	20.67	149	243439	38.094	ng	#	95
80) Benzo(a)anthracene	21.62	228	631322	35.846	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	219631	35.765	ng	#	99
82) Chrysene	21.69	228	592726	36.318	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	336974	38.787	ng	#	99
84) Di-n-octyl phthalate	22.71	149	556988	38.290	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.45	276	642304	35.547	ng	#	86
87) Benzo(b)fluoranthene	23.82	252	575120	36.846	ng	#	98
88) Benzo(k)fluoranthene	23.88	252	591012	38.730	ng	#	96
89) Benzo(a)pyrene	24.67	252	550305	37.897	ng	#	95
90) Dibenzo(a,h)anthracene	28.52	278	540092	37.885	ng	#	96
91) Benzo(g,h,i)perylene	29.59	276	529937	37.988	ng	#	94

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

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