Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
Data File : BG036052.D
Acq On : 2 Aug 2018 9:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
8/3/2018 12:58:23 PM

Quant Time: Aug 03 09:19:43 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	8.02	152	37401	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	153844	20.00	ng		-0.01
38) Acenaphthene-d10	14.64	164	113669	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	327851	20.00	ng		0.00
75) Chrysene-d12	21.66	240	376386	20.00	ng		0.00
86) Perylene-d12	24.85	264	370765	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	171791	76.26	ng		0.00
7) Phenol-d6	7.19	99	253615	75.46	ng		0.00
23) Nitrobenzene-d5	9.19	82	279130	75.79	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	130449	87.07	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	650810	76.71	ng		0.00
78) Terphenyl-d14	19.99	244	1296835	75.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	39547	34.491	ng	#	72
3) Pyridine	3.91	79	105872	35.370	ng	#	72
4) n-Nitrosodimethylamine	3.83	42	43290	33.683	ng	#	77
6) Aniline	7.35	93	160962	36.948	ng		97
8) 2-Chlorophenol	7.59	128	90853	39.654	ng		97
9) Benzaldehyde	7.16	77	74073	35.918	ng		98
10) Phenol	7.22	94	130834	38.529	ng		92
11) bis(2-Chloroethyl)ether	7.44	93	100201	37.679	ng		89
12) 1,3-Dichlorobenzene	7.91	146	108193m	39.104	ng		
13) 1,4-Dichlorobenzene	8.06	146	112570	40.043	ng		93
14) 1,2-Dichlorobenzene	8.37	146	105598	39.101	ng		94
15) Benzyl Alcohol	8.26	79	110591	36.233	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.54	45	74943	33.614	ng		73
17) 2-Methylphenol	8.46	107	88743	38.438	ng		93
18) Hexachloroethane	9.10	117	42338	39.389	ng		91
19) n-Nitroso-di-n-propylamine	8.82	70	100548	35.525	ng	#	85
20) 3+4-Methylphenols	8.79	107	126587	39.523	ng		94
22) Acetophenone	8.84	105	179213	37.460	ng		92
24) Nitrobenzene	9.23	77	137679	37.174	ng		93
25) Isophorone	9.74	82	249087	36.436	ng		99
26) 2-Nitrophenol	9.93	139	55644	42.303	ng	#	91
27) 2,4-Dimethylphenol	9.99	122	87922	39.488	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	137901	36.608	ng		93
29) 2,4-Dichlorophenol	10.48	162	104430	41.088	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	127287	40.842	ng		99
31) Naphthalene	10.87	128	307817	38.410	ng		98
32) Benzoic acid	10.18	122	48684m	32.480	ng		
33) 4-Chloroaniline	10.98	127	132610	37.967	ng		96
34) Hexachlorobutadiene	11.15	225	99763	41.050	ng		99
35) Caprolactam	11.78	113	40988	37.579	ng	#	69
36) 4-Chloro-3-methylphenol	12.10	107	135641	39.815	ng		99
37) 2-Methylnaphthalene	12.47	142	237526	39.784	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	166654	38.845	ng		99
40) Hexachlorocyclopentadiene	12.82	237	80466	35.763	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	102888	41.008	ng		100
43) 2,4,5-Trichlorophenol	13.16	196	115510	41.154	ng	#	94
45) 1,1'-Biphenyl	13.48	154	339553	38.530	ng		96
46) 2-Chloronaphthalene	13.53	162	267531	39.028	ng		98
47) 2-Nitroaniline	13.73	65	94885	39.153	ng		87
48) Acenaphthylene	14.37	152	449840	39.175	ng		97
49) Dimethylphthalate	14.10	163	389604	39.120	ng		100
50) 2,6-Dinitrotoluene	14.22	165	84903	41.865	ng		95
51) Acenaphthene	14.71	154	276782	38.695	ng		99
52) 3-Nitroaniline	14.56	138	85672	41.331	ng	#	96
53) 2,4-Dinitrophenol	14.77	184	47352	48.251	ng	#	69
54) Dibenzofuran	15.04	168	454333	39.938	ng		93
55) 4-Nitrophenol	14.87	139	55719	37.746	ng	#	86
56) 2,4-Dinitrotoluene	15.01	165	129658	44.564	ng		90
57) Fluorene	15.69	166	380838	39.942	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	111714	41.512	ng		95
59) Diethylphthalate	15.46	149	408009	39.843	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	228628	40.797	ng		98
61) 4-Nitroaniline	15.72	138	88356	40.750	ng	#	74
62) Azobenzene	15.98	77	375809	37.205	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	79286	43.444	ng		85
65) n-Nitrosodiphenylamine	15.90	169	359308	38.503	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	150878	39.667	ng		93
67) Hexachlorobenzene	16.70	284	158202	40.388	ng		95
68) Atrazine	16.85	200	141792	36.904	ng		93
69) Pentachlorophenol	17.05	266	87180	36.541	ng		99
70) Phenanthrene	17.43	178	628674	38.429	ng		97
71) Anthracene	17.52	178	628404	38.578	ng		98
72) Carbazole	17.80	167	608085	39.308	ng		98
73) Di-n-butylphthalate	18.34	149	707995	38.729	ng	#	97
74) Fluoranthene	19.44	202	847247	38.449	ng		96
76) Benzidine	19.62	184	383403	38.746	ng		99
77) Pyrene	19.80	202	881579	37.042	ng		97
79) Butylbenzylphthalate	20.68	149	340728	40.035	ng	#	95
80) Benzo(a)anthracene	21.63	228	900504	38.392	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	339711	41.538	ng	#	98
82) Chrysene	21.70	228	842468	38.760	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	477987	41.311	ng	#	99
84) Di-n-octyl phthalate	22.73	149	813726	42.003	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.49	276	977166	40.607	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	891572	39.564	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	859251	39.002	ng	#	96
89) Benzo(a)pyrene	24.70	252	829087	39.547	ng	#	97
90) Dibenzo(a,h)anthracene	28.56	278	828631	40.260	ng	#	94
91) Benzo(g,h,i)perylene	29.63	276	804804	39.959	ng	#	93

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

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