Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037939.D
Acq On : 12 Nov 2018 11:22
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
11/13/2018 11:52:02 AM

Quant Time: Nov 12 11:58:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57994	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	264950	20.00	ng		-0.02
39) Acenaphthene-d10	14.73	164	167165	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	367607	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	325818	20.00	ng		-0.02
87) Perylene-d12	25.08	264	328560	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	268904	77.52	ng		-0.01
7) Phenol-d6	7.24	99	404719	77.16	ng		-0.01
23) Nitrobenzene-d5	9.27	82	383462	81.08	ng		-0.01
42) 2,4,6-Tribromophenol	16.22	330	138808	76.13	ng		-0.01
45) 2-Fluorobiphenyl	13.35	172	895763	80.80	ng		-0.02
79) Terphenyl-d14	20.08	244	1223863	80.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	68998	39.222	ng		96
3) Pyridine	3.93	79	167838	37.854	ng		96
4) n-Nitrosodimethylamine	3.85	42	62562	39.615	ng		92
6) Aniline	7.42	93	250231	39.105	ng		97
8) 2-Chlorophenol	7.65	128	159078	39.201	ng		99
9) Benzaldehyde	7.23	77	113067	34.459	ng		96
10) Phenol	7.27	94	214867	38.824	ng		96
11) bis(2-Chloroethyl)ether	7.51	93	160380	38.155	ng		99
12) 1,3-Dichlorobenzene	7.98	146	179641	39.764	ng		98
13) 1,4-Dichlorobenzene	8.12	146	181643	39.307	ng		98
14) 1,2-Dichlorobenzene	8.45	146	172905	38.896	ng		98
15) Benzyl Alcohol	8.33	79	145109	37.440	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	297297	39.529	ng		98
17) 2-Methylphenol	8.52	107	140673	38.447	ng		99
18) Hexachloroethane	9.18	117	64410	40.884	ng		94
19) n-Nitroso-di-n-propylamine	8.89	70	134371	37.201	ng		95
20) 3+4-Methylphenols	8.85	107	202548	38.719	ng		96
22) Acetophenone	8.92	105	255735	38.486	ng	#	96
24) Nitrobenzene	9.31	77	197864	40.270	ng		95
25) Isophorone	9.82	82	332528	38.479	ng		96
26) 2-Nitrophenol	10.02	139	93387	42.191	ng		98
27) 2,4-Dimethylphenol	10.06	122	150260	38.021	ng		95
28) bis(2-Chloroethoxy)methane	10.31	93	224189	39.596	ng		96
29) 2,4-Dichlorophenol	10.55	162	175880	39.970	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	190324	39.774	ng		98
31) Naphthalene	10.96	128	513088	39.427	ng		99
32) Benzoic acid	10.19	122	94718m	36.900	ng		
33) 4-Chloroaniline	11.07	127	239075	39.099	ng		99
34) Hexachlorobutadiene	11.22	225	115776	40.823	ng		98
35) Caprolactam	11.87	113	65706	37.232	ng		96
36) 4-Chloro-3-methylphenol	12.18	107	189521	38.191	ng		100
37) 2-Methylnaphthalene	12.56	142	375798	39.614	ng		100
38) 1-Methylnaphthalene	12.78	142	361882	39.281	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	229201	42.508	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	107111	41.587	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	144914	40.228	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	155705	39.700	ng		99
46) 1,1'-Biphenyl	13.56	154	565762	40.867	ng		99
47) 2-Chloronaphthalene	13.61	162	425986	40.672	ng		100
48) 2-Nitroaniline	13.82	65	132640	41.761	ng		93
49) Acenaphthylene	14.45	152	641700	40.729	ng		99
50) Dimethylphthalate	14.18	163	506045	39.131	ng		99
51) 2,6-Dinitrotoluene	14.31	165	117070	40.921	ng		97
52) Acenaphthene	14.79	154	383270	39.499	ng		99
53) 3-Nitroaniline	14.64	138	126309	39.770	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	36639	42.616	ng		97
55) Dibenzofuran	15.12	168	634732	39.482	ng		100
56) 4-Nitrophenol	14.93	139	76523	32.551	ng		94
57) 2,4-Dinitrotoluene	15.09	165	158874	42.306	ng		98
58) Fluorene	15.77	166	473147	39.301	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	126461	37.659	ng		99
60) Diethylphthalate	15.53	149	517741	38.996	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	273616	38.993	ng		99
62) 4-Nitroaniline	15.80	138	120668	38.236	ng		93
63) Azobenzene	16.05	77	489363	38.631	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	67632	37.353	ng		96
66) n-Nitrosodiphenylamine	15.97	169	454305	41.085	ng		97
67) 4-Bromophenyl-phenylether	16.66	248	169806	42.063	ng		98
68) Hexachlorobenzene	16.77	284	167607	40.060	ng		99
69) Atrazine	16.91	200	148860	37.234	ng		100
70) Pentachlorophenol	17.11	266	97615	34.831	ng		96
71) Phenanthrene	17.51	178	752739	40.290	ng		99
72) Anthracene	17.61	178	746568	40.719	ng		99
73) Carbazole	17.88	167	732150	39.921	ng		99
74) Di-n-butylphthalate	18.41	149	833007	40.830	ng		100
75) Fluoranthene	19.52	202	839341	39.610	ng		99
77) Benzidine	19.71	184	528994	47.749	ng		99
78) Pyrene	19.89	202	856818	40.228	ng		99
80) Butylbenzylphthalate	20.75	149	364588	41.825	ng		99
81) Benzo(a)anthracene	21.74	228	777196	40.328	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	286844	38.400	ng		100
83) Chrysene	21.80	228	744860	40.195	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	526781	43.113	ng		100
85) Di-n-octyl phthalate	22.85	149	854946	42.909	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	649409	32.673	ng		98
88) Benzo(b)fluoranthene	24.02	252	723695	40.177	ng		99
89) Benzo(k)fluoranthene	24.09	252	742302	42.062	ng		97
90) Benzo(a)pyrene	24.92	252	692847	40.479	ng		99
91) Dibenzo(a,h)anthracene	28.97	278	506790	32.098	ng		96
92) Benzo(g,h,i)perylene	30.09	276	559164	35.006	ng		96

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

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