Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
Data File : BG038470.D
Acq On : 11 Dec 2018 13:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Dec 11 14:40:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	31626	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	136852	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	89938	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	220101	20.00	ng		0.00
76) Chrysene-d12	21.74	240	212274	20.00	ng		0.00
87) Perylene-d12	25.05	264	231062	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	139025	77.79	ng		0.00
7) Phenol-d6	7.22	99	202194	78.28	ng		0.00
23) Nitrobenzene-d5	9.25	82	214492	77.81	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	99001	89.67	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	510328	80.85	ng		0.00
79) Terphenyl-d14	20.06	244	764186	77.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	29400	35.894	ng		93
3) Pyridine	3.91	79	85275	34.800	ng		88
4) n-Nitrosodimethylamine	3.83	42	45087	42.005	ng	#	78
6) Aniline	7.40	93	125710	38.104	ng		98
8) 2-Chlorophenol	7.63	128	81746	39.385	ng		97
9) Benzaldehyde	7.21	77	61848	37.813	ng		96
10) Phenol	7.25	94	107282	39.310	ng		88
11) bis(2-Chloroethyl)ether	7.49	93	83826	37.504	ng		99
12) 1,3-Dichlorobenzene	7.95	146	93705	38.628	ng		96
13) 1,4-Dichlorobenzene	8.11	146	95179	37.921	ng		99
14) 1,2-Dichlorobenzene	8.42	146	91053	39.242	ng		97
15) Benzyl Alcohol	8.31	79	78955	37.180	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	193253	38.012	ng		96
17) 2-Methylphenol	8.51	107	73490	38.194	ng		95
18) Hexachloroethane	9.15	117	35189	38.845	ng		89
19) n-Nitroso-di-n-propylamine	8.88	70	72612	38.377	ng	#	88
20) 3+4-Methylphenols	8.83	107	103856	37.773	ng		96
22) Acetophenone	8.90	105	135137	40.972	ng	#	95
24) Nitrobenzene	9.29	77	108755	38.834	ng		97
25) Isophorone	9.80	82	183158	37.810	ng	#	95
26) 2-Nitrophenol	10.00	139	54256	41.812	ng	#	86
27) 2,4-Dimethylphenol	10.05	122	79541	42.677	ng		98
28) bis(2-Chloroethoxy)methane	10.29	93	112290	40.436	ng		100
29) 2,4-Dichlorophenol	10.53	162	96490	45.353	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	105013	42.047	ng		99
31) Naphthalene	10.94	128	265968	40.686	ng		99
32) Benzoic acid	10.19	122	21029	19.075	ng		94
33) 4-Chloroaniline	11.05	127	124202	42.919	ng		96
34) Hexachlorobutadiene	11.20	225	69530	44.501	ng		97
35) Caprolactam	11.85	113	36171	41.112	ng	#	85
36) 4-Chloro-3-methylphenol	12.16	107	109515	46.329	ng		96
37) 2-Methylnaphthalene	12.54	142	196019	42.106	ng		96
38) 1-Methylnaphthalene	12.76	142	187634	42.082	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	132621	42.853	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	67473	39.674	ng		99
43) 2,4,6-Trichlorophenol	13.14	196	81838	40.822	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	91763	43.207	ng		97
46) 1,1'-Biphenyl	13.54	154	300183	39.486	ng		98
47) 2-Chloronaphthalene	13.59	162	229122	39.940	ng		98
48) 2-Nitroaniline	13.80	65	79865	41.497	ng		99
49) Acenaphthylene	14.43	152	340634	39.426	ng		99
50) Dimethylphthalate	14.16	163	295796	41.004	ng		99
51) 2,6-Dinitrotoluene	14.29	165	66937	40.621	ng		93
52) Acenaphthene	14.77	154	205669	39.048	ng		99
53) 3-Nitroaniline	14.62	138	70132	39.517	ng	#	97
54) 2,4-Dinitrophenol	14.83	184	13255	14.674	ng	#	88
55) Dibenzofuran	15.10	168	350428	40.243	ng		96
56) 4-Nitrophenol	14.92	139	44367	31.647	ng	#	81
57) 2,4-Dinitrotoluene	15.07	165	93853	41.295	ng		97
58) Fluorene	15.75	166	264295	41.198	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	77258	41.884	ng		98
60) Diethylphthalate	15.51	149	317415	39.716	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	162613	42.200	ng		99
62) 4-Nitroaniline	15.79	138	71400	40.904	ng	#	82
63) Azobenzene	16.03	77	271997	38.888	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	41747	28.948	ng		93
66) n-Nitrosodiphenylamine	15.96	169	260238	42.046	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	106114	44.645	ng		98
68) Hexachlorobenzene	16.75	284	110233	44.963	ng		96
69) Atrazine	16.90	200	95747	41.458	ng		99
70) Pentachlorophenol	17.10	266	55391	32.986	ng		97
71) Phenanthrene	17.50	178	449382	40.769	ng		100
72) Anthracene	17.59	178	450870	42.239	ng		99
73) Carbazole	17.86	167	444257	41.934	ng		99
74) Di-n-butylphthalate	18.39	149	504706	40.779	ng		99
75) Fluoranthene	19.50	202	628657	48.816	ng		98
77) Benzidine	19.69	184	236770	33.054	ng		99
78) Pyrene	19.87	202	545156	36.705	ng		97
80) Butylbenzylphthalate	20.73	149	223861	37.475	ng		99
81) Benzo(a)anthracene	21.71	228	518741	39.761	ng		100
82) 3,3'-Dichlorobenzidine	21.63	252	202512	39.902	ng		96
83) Chrysene	21.78	228	488810	39.592	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	314747	37.173	ng		98
85) Di-n-octyl phthalate	22.82	149	524639	36.137	ng		97
86) Indeno(1,2,3-cd)pyrene	28.83	276	569300	40.574	ng	#	96
88) Benzo(b)fluoranthene	23.98	252	513946	39.365	ng	#	98
89) Benzo(k)fluoranthene	24.06	252	492212	37.854	ng	#	96
90) Benzo(a)pyrene	24.89	252	488122	38.544	ng	#	96
91) Dibenzo(a,h)anthracene	28.91	278	464826	38.700	ng		96
92) Benzo(g,h,i)perylene	30.03	276	479893	40.271	ng	#	92

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

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