Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037358.D
Acq On : 16 Oct 2018 14:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 16 15:33:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59695	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	278156	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	180988	20.00	ng		-0.01
64) Phenanthrene-d10	17.50	188	435359	20.00	ng		-0.01
76) Chrysene-d12	21.78	240	395788	20.00	ng		-0.02
87) Perylene-d12	25.12	264	421686	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	292654	86.28	ng		0.00
7) Phenol-d6	7.25	99	435540	84.60	ng		0.00
23) Nitrobenzene-d5	9.29	82	394860	93.33	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	163345	92.03	ng		-0.01
45) 2-Fluorobiphenyl	13.37	172	949077	78.75	ng		-0.01
79) Terphenyl-d14	20.09	244	1460058	77.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	72475	38.044	ng		98
3) Pyridine	3.94	79	186382	41.207	ng		92
4) n-Nitrosodimethylamine	3.86	42	68315	38.893	ng	#	93
6) Aniline	7.44	93	265022	39.324	ng		96
8) 2-Chlorophenol	7.67	128	166088	41.838	ng		98
9) Benzaldehyde	7.25	77	136507	38.511	ng		95
10) Phenol	7.28	94	229443	42.315	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	175407	39.597	ng		94
12) 1,3-Dichlorobenzene	8.00	146	185502	39.749	ng		98
13) 1,4-Dichlorobenzene	8.15	146	193346	40.921	ng		97
14) 1,2-Dichlorobenzene	8.47	146	180833	39.496	ng		97
15) Benzyl Alcohol	8.35	79	162697	40.400	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.64	45	314026	35.859	ng		98
17) 2-Methylphenol	8.54	107	151354	41.678	ng		96
18) Hexachloroethane	9.20	117	67041	41.572	ng		94
19) n-Nitroso-di-n-propylamine	8.92	70	148987	38.223	ng		93
20) 3+4-Methylphenols	8.87	107	217755	42.884	ng		99
22) Acetophenone	8.94	105	277228	39.538	ng	#	97
24) Nitrobenzene	9.33	77	206739	45.622	ng		96
25) Isophorone	9.85	82	371826	38.498	ng		97
26) 2-Nitrophenol	10.05	139	90305	52.222	ng		97
27) 2,4-Dimethylphenol	10.08	122	166318	41.198	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	240234	39.756	ng		97
29) 2,4-Dichlorophenol	10.57	162	183952	44.888	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	200854	40.278	ng		97
31) Naphthalene	10.99	128	539816	39.933	ng		99
32) Benzoic acid	10.20	122	126053	56.548	ng		96
33) 4-Chloroaniline	11.10	127	257216	40.561	ng		97
34) Hexachlorobutadiene	11.25	225	120204	38.817	ng		97
35) Caprolactam	11.88	113	77997	46.687	ng		98
36) 4-Chloro-3-methylphenol	12.20	107	206376	42.642	ng		99
37) 2-Methylnaphthalene	12.58	142	394197	39.958	ng		99
38) 1-Methylnaphthalene	12.80	142	384325	39.888	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	234114	39.943	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	107883	44.649	ng		98
43) 2,4,6-Trichlorophenol	13.18	196	161345	47.453	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	171940	47.000	ng		98
46) 1,1'-Biphenyl	13.58	154	593578	39.869	ng		97
47) 2-Chloronaphthalene	13.63	162	449346	39.956	ng		98
48) 2-Nitroaniline	13.84	65	139704	46.107	ng		95
49) Acenaphthylene	14.48	152	691645	40.204	ng		99
50) Dimethylphthalate	14.20	163	569236	40.021	ng		100
51) 2,6-Dinitrotoluene	14.32	165	126231	45.921	ng		97
52) Acenaphthene	14.81	154	419326	39.461	ng		99
53) 3-Nitroaniline	14.66	138	144268	48.479	ng	#	93
54) 2,4-Dinitrophenol	14.85	184	36450	51.214	ng		96
55) Dibenzofuran	15.15	168	688541	39.932	ng		99
56) 4-Nitrophenol	14.94	139	107575	46.375	ng		98
57) 2,4-Dinitrotoluene	15.10	165	172621	49.215	ng		97
58) Fluorene	15.79	166	519028	39.801	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	148568	45.870	ng		100
60) Diethylphthalate	15.55	149	590742	40.077	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	303275	39.787	ng		99
62) 4-Nitroaniline	15.82	138	141610	45.337	ng		94
63) Azobenzene	16.07	77	548423	38.805	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	75397	54.421	ng		98
66) n-Nitrosodiphenylamine	16.00	169	514488	40.241	ng		98
67) 4-Bromophenyl-phenylether	16.68	248	184916	39.355	ng		99
68) Hexachlorobenzene	16.78	284	191318	39.272	ng		98
69) Atrazine	16.94	200	194173	40.862	ng		99
70) Pentachlorophenol	17.13	266	137571	43.770	ng		96
71) Phenanthrene	17.54	178	867132	39.128	ng		99
72) Anthracene	17.62	178	864668	39.862	ng		99
73) Carbazole	17.89	167	883665	39.538	ng		100
74) Di-n-butylphthalate	18.44	149	1008565	42.103	ng		99
75) Fluoranthene	19.54	202	1016708	39.252	ng		99
77) Benzidine	19.72	184	553044	36.526	ng		98
78) Pyrene	19.90	202	1028236	39.862	ng		100
80) Butylbenzylphthalate	20.77	149	447455	44.585	ng		98
81) Benzo(a)anthracene	21.76	228	939608	39.639	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	373622	40.860	ng		98
83) Chrysene	21.83	228	903261	39.947	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	625612	43.411	ng		98
85) Di-n-octyl phthalate	22.89	149	1024186	43.786	ng		98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1010699	40.326	ng	#	97
88) Benzo(b)fluoranthene	24.05	252	900267	39.268	ng		99
89) Benzo(k)fluoranthene	24.12	252	916127	40.496	ng		96
90) Benzo(a)pyrene	24.96	252	883396	40.184	ng		99
91) Dibenzo(a,h)anthracene	29.03	278	834090	39.653	ng		98
92) Benzo(g,h,i)perylene	30.17	276	837472	39.864	ng		99

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

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