Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043648.D
Acq On : 15 Nov 2019 6:19
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 15 07:37:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	47517	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	177522	20.00	ng		-0.01
39) Acenaphthene-d10	14.63	164	121311	20.00	ng		-0.01
64) Phenanthrene-d10	17.38	188	267761	20.00	ng		-0.01
76) Chrysene-d12	21.64	240	291872	20.00	ng		-0.01
87) Perylene-d12	24.84	264	346652	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	212756	82.05	ng		0.00
7) Phenol-d6	7.20	99	294676	78.98	ng		0.00
23) Nitrobenzene-d5	9.17	82	283666	82.38	ng		-0.01
42) 2,4,6-Tribromophenol	16.13	330	164412	71.22	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	716663	81.63	ng		-0.01
79) Terphenyl-d14	19.99	244	1220540	78.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	36687	36.306	ng		97
3) Pyridine	3.87	79	107354	42.115	ng		95
4) n-Nitrosodimethylamine	3.79	42	53896	41.901	ng		98
6) Aniline	7.33	93	166831	38.818	ng		97
8) 2-Chlorophenol	7.58	128	113526	39.660	ng		98
9) Benzaldehyde	7.14	77	78178	42.639	ng		93
10) Phenol	7.23	94	135495	39.744	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	100637	38.181	ng		96
12) 1,3-Dichlorobenzene	7.89	146	143010	39.875	ng		98
13) 1,4-Dichlorobenzene	8.04	146	143473	39.539	ng		98
14) 1,2-Dichlorobenzene	8.35	146	137132	38.706	ng		98
15) Benzyl Alcohol	8.25	79	103039	39.325	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	144990	37.830	ng		96
17) 2-Methylphenol	8.47	107	96090	38.663	ng		96
18) Hexachloroethane	9.08	117	52346	39.985	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	86540	35.897	ng		94
20) 3+4-Methylphenols	8.80	107	132025	38.740	ng		92
22) Acetophenone	8.82	105	183538	40.372	ng	#	95
24) Nitrobenzene	9.21	77	130653	39.831	ng	#	96
25) Isophorone	9.73	82	236520	37.570	ng		99
26) 2-Nitrophenol	9.92	139	66494	41.988	ng		94
27) 2,4-Dimethylphenol	9.99	122	93415	41.156	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	137116	39.463	ng		98
29) 2,4-Dichlorophenol	10.47	162	121589	41.809	ng		91
30) 1,2,4-Trichlorobenzene	10.67	180	149045	40.663	ng		99
31) Naphthalene	10.86	128	368242	40.866	ng		98
32) Benzoic acid	10.19	122	60143	37.209	ng		97
33) 4-Chloroaniline	10.97	127	146510	39.665	ng		98
34) Hexachlorobutadiene	11.14	225	111026	40.976	ng		95
35) Caprolactam	11.76	113	38356	38.295	ng		96
36) 4-Chloro-3-methylphenol	12.11	107	122029	38.468	ng		94
37) 2-Methylnaphthalene	12.46	142	270644	39.145	ng		98
38) 1-Methylnaphthalene	12.68	142	253229	38.494	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	188362	41.956	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	49123	20.829	ng		97
43) 2,4,6-Trichlorophenol	13.08	196	106238	40.182	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	105227	39.367	ng		95
46) 1,1'-Biphenyl	13.47	154	380026	41.179	ng		96
47) 2-Chloronaphthalene	13.51	162	286716	40.832	ng		99
48) 2-Nitroaniline	13.72	65	85634	40.804	ng		98
49) Acenaphthylene	14.35	152	435429	39.844	ng		99
50) Dimethylphthalate	14.09	163	355962	37.883	ng		98
51) 2,6-Dinitrotoluene	14.21	165	77696	38.061	ng		99
52) Acenaphthene	14.69	154	266350	39.965	ng		97
53) 3-Nitroaniline	14.55	138	76840	38.988	ng		98
54) 2,4-Dinitrophenol	14.76	184	16951	19.370	ng		90
55) Dibenzofuran	15.03	168	426006	39.417	ng		99
56) 4-Nitrophenol	14.89	139	48912	37.034	ng		89
57) 2,4-Dinitrotoluene	15.00	165	110151	37.758	ng	#	98
58) Fluorene	15.68	166	348763	38.475	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	99708	35.110	ng		97
60) Diethylphthalate	15.45	149	351737	37.255	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	205721	38.903	ng		98
62) 4-Nitroaniline	15.72	138	83558	41.052	ng		95
63) Azobenzene	15.96	77	294953	38.601	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	30802	19.547	ng		90
66) n-Nitrosodiphenylamine	15.89	169	301269	39.853	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	142865	39.647	ng		95
68) Hexachlorobenzene	16.69	284	163427	39.510	ng		97
69) Atrazine	16.83	200	100025	38.079	ng		98
70) Pentachlorophenol	17.04	266	78021	41.396	ng		100
71) Phenanthrene	17.42	178	540678	39.433	ng		99
72) Anthracene	17.51	178	547379	39.901	ng		99
73) Carbazole	17.79	167	492585	39.651	ng		100
74) Di-n-butylphthalate	18.33	149	589170	39.086	ng		99
75) Fluoranthene	19.43	202	693311	38.786	ng		99
77) Benzidine	19.61	184	262457	44.681	ng		99
78) Pyrene	19.79	202	696364	38.544	ng		99
80) Butylbenzylphthalate	20.67	149	277943	40.607	ng		95
81) Benzo(a)anthracene	21.63	228	737572	40.343	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	293368	41.487	ng		94
83) Chrysene	21.69	228	728474	40.103	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	405992	41.756	ng		98
85) Di-n-octyl phthalate	22.71	149	688081	41.713	ng		99
86) Indeno(1,2,3-cd)pyrene	28.47	276	929464	40.763	ng	#	56
88) Benzo(b)fluoranthene	23.82	252	778805	39.668	ng		98
89) Benzo(k)fluoranthene	23.89	252	791527	40.047	ng		99
90) Benzo(a)pyrene	24.69	252	750331	40.021	ng		98
91) Dibenzo(a,h)anthracene	28.52	278	778669	40.605	ng		98
92) Benzo(g,h,i)perylene	29.61	276	733845	38.795	ng		100

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

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