Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110520\
Data File : BG047217.D
Acq On : 5 Nov 2020 9:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 05 10:19:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.003	152	44720	20.00	ng		0.00
21) Naphthalene-d8	10.817	136	169163	20.00	ng	#	0.00
39) Acenaphthene-d10	14.642	164	124159	20.00	ng		0.00
64) Phenanthrene-d10	17.386	188	309009	20.00	ng	#	0.00
76) Chrysene-d12	21.646	240	325551	20.00	ng	#	0.00
86) Perylene-d12	24.830	264	342829	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.559	112	218615	79.24	ng		0.00
7) Phenol-d6	7.157	99	336751	84.32	ng		0.00
23) Nitrobenzene-d5	9.172	82	334128	84.77	ng		0.00
42) 2,4,6-Tribromophenol	16.129	330	177222	85.24	ng		0.00
45) 2-Fluorobiphenyl	13.267	172	799830	82.62	ng		0.00
79) Terphenyl-d14	19.995	244	1507455	81.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	53822	39.39	ng	#	94
3) Pyridine	3.831	79	149889	41.02	ng		97
4) n-Nitrosodimethylamine	3.743	42	76904	41.97	ng	#	68
6) Aniline	7.327	93	195242	41.41	ng		94
8) 2-Chlorophenol	7.568	128	119623	40.84	ng		94
9) Benzaldehyde	7.139	77	110901	41.28	ng		95
10) Phenol	7.186	94	154680	40.83	ng		78
11) bis(2-Chloroethyl)ether	7.421	93	123712	41.17	ng		94
12) 1,3-Dichlorobenzene	7.897	146	154969	40.65	ng	#	93
13) 1,4-Dichlorobenzene	8.038	146	155924	40.73	ng		97
14) 1,2-Dichlorobenzene	8.361	146	145728	40.14	ng		96
15) Benzyl Alcohol	8.238	79	134373	43.78	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.532	45	189750	40.91	ng		98
17) 2-Methylphenol	8.443	107	103418	40.33	ng	#	89
18) Hexachloroethane	9.096	117	56928	40.61	ng		98
19) n-Nitroso-di-n-propyla...	8.808	70	110562	42.13	ng		93
20) 3+4-Methylphenols	8.773	107	146882	42.77	ng		92
22) Acetophenone	8.825	105	202700	41.56	ng	#	91
24) Nitrobenzene	9.213	77	166233	41.44	ng		92
25) Isophorone	9.730	82	285366	42.25	ng	#	93
26) 2-Nitrophenol	9.924	139	72695	42.02	ng	#	77
27) 2,4-Dimethylphenol	9.983	122	98701	42.50	ng		86
28) bis(2-Chloroethoxy)met...	10.218	93	174963	42.80	ng		96
29) 2,4-Dichlorophenol	10.459	162	137805	42.93	ng		96
30) 1,2,4-Trichlorobenzene	10.676	180	166116	41.99	ng		98
31) Naphthalene	10.864	128	403852	41.70	ng		100
32) Benzoic acid	10.112	122	82429	40.99	ng	#	83
33) 4-Chloroaniline	10.970	127	173830	42.67	ng	#	92
34) Hexachlorobutadiene	11.152	225	122685	40.98	ng		99
35) Caprolactam	11.734	113	46453	44.29	ng	#	87
36) 4-Chloro-3-methylphenol	12.086	107	141841	43.36	ng		89
37) 2-Methylnaphthalene	12.474	142	309396	42.51	ng	#	96
38) 1-Methylnaphthalene	12.691	142	291459	42.14	ng		99
40) 1,2,4,5-Tetrachloroben...	12.838	216	202491	41.31	ng		98
41) Hexachlorocyclopentadiene	12.821	237	108136	42.56	ng		98
43) 2,4,6-Trichlorophenol	13.073	196	136072	42.70	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.144	196	133529	41.27	ng	#	92
46) 1,1'-Biphenyl	13.479	154	417859	41.11	ng		96
47) 2-Chloronaphthalene	13.520	162	340978	41.12	ng		97
48) 2-Nitroaniline	13.720	65	120083	43.70	ng	#	83
49) Acenaphthylene	14.366	152	505440	41.68	ng		99
50) Dimethylphthalate	14.096	163	453340	41.35	ng		99
51) 2,6-Dinitrotoluene	14.213	165	96854	42.59	ng	#	73
52) Acenaphthene	14.707	154	327559	42.25	ng		96
53) 3-Nitroaniline	14.542	138	99846	44.11	ng	#	75
54) 2,4-Dinitrophenol	14.748	184	63509	43.53	ng	#	72
55) Dibenzofuran	15.042	168	528450	41.45	ng		96
56) 4-Nitrophenol	14.848	139	77576	44.24	ng	#	63
57) 2,4-Dinitrotoluene	15.000	165	144105	43.40	ng	#	87
58) Fluorene	15.688	166	431021	42.07	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.265	232	147260	43.34	ng		96
60) Diethylphthalate	15.453	149	458039	42.29	ng		95
61) 4-Chlorophenyl-phenyle...	15.682	204	251801	41.50	ng		98
62) 4-Nitroaniline	15.706	138	104888	43.14	ng	#	65
63) Azobenzene	15.970	77	406164	41.84	ng		88
65) 4,6-Dinitro-2-methylph...	15.764	198	87492	40.73	ng		84
66) n-Nitrosodiphenylamine	15.894	169	390904	41.12	ng		97
67) 4-Bromophenyl-phenylether	16.575	248	177531	41.14	ng		97
68) Hexachlorobenzene	16.693	284	190657	40.66	ng		98
69) Atrazine	16.840	200	167440	41.18	ng		98
70) Pentachlorophenol	17.039	266	110993	43.44	ng		96
71) Phenanthrene	17.427	178	742047	41.38	ng		97
72) Anthracene	17.521	178	719112	41.28	ng		97
73) Carbazole	17.785	167	640561	41.65	ng		99
74) Di-n-butylphthalate	18.344	149	785729	41.78	ng	#	98
75) Fluoranthene	19.436	202	935245	40.94	ng		96
77) Benzidine	19.613	184	462746	42.38	ng		98
78) Pyrene	19.801	202	930020	41.02	ng		97
80) Butylbenzylphthalate	20.676	149	354548	41.45	ng		91
81) Benzo(a)anthracene	21.628	228	941709	40.81	ng		98
82) 3,3'-Dichlorobenzidine	21.540	252	332819	41.68	ng		95
83) Chrysene	21.693	228	904993	40.74	ng		98
84) Bis(2-ethylhexyl)phtha...	21.528	149	499133	41.72	ng		98
85) Di-n-octyl phthalate	22.727	149	842585	41.90	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.467	276	1074567	41.29	ng	#	93
88) Benzo(b)fluoranthene	23.825	252	958393	40.95	ng	#	97
89) Benzo(k)fluoranthene	23.890	252	939357	41.09	ng	#	96
90) Benzo(a)pyrene	24.689	252	901122	41.25	ng	#	97
91) Dibenzo(a,h)anthracene	28.532	278	870282	41.09	ng	#	95
92) Benzo(g,h,i)perylene	29.607	276	857068	40.81	ng	#	94

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

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