Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
Data File : BG047099.D
Acq On : 27 Oct 2020 17:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 27 18:38:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:55:38 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.053	152	45855	20.00	ng		0.00
21) Naphthalene-d8	10.867	136	182073	20.00	ng	#	0.00
39) Acenaphthene-d10	14.686	164	133709	20.00	ng		0.00
64) Phenanthrene-d10	17.430	188	353145	20.00	ng	#	0.00
76) Chrysene-d12	21.701	240	397196	20.00	ng	#	0.00
86) Perylene-d12	24.927	264	399000	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.614	112	195134	75.44	ng		0.00
7) Phenol-d6	7.207	99	282418	75.50	ng		0.00
23) Nitrobenzene-d5	9.222	82	272289	71.62	ng		0.00
42) 2,4,6-Tribromophenol	16.172	330	159112	74.24	ng		0.00
45) 2-Fluorobiphenyl	13.311	172	660677	69.86	ng		0.00
79) Terphenyl-d14	20.039	244	1476290	72.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.499	88	43384	37.12	ng	#	93
3) Pyridine	3.899	79	127200	40.10	ng		96
4) n-Nitrosodimethylamine	3.811	42	61564	36.64	ng	#	64
6) Aniline	7.377	93	166192	37.59	ng		93
8) 2-Chlorophenol	7.618	128	103825	37.75	ng		91
9) Benzaldehyde	7.189	77	74595	39.64	ng		88
10) Phenol	7.236	94	131826	37.31	ng		76
11) bis(2-Chloroethyl)ether	7.471	93	106422	38.29	ng		94
12) 1,3-Dichlorobenzene	7.947	146	134386	38.34	ng	#	94
13) 1,4-Dichlorobenzene	8.094	146	132344	37.40	ng		95
14) 1,2-Dichlorobenzene	8.411	146	127102	37.90	ng		97
15) Benzyl Alcohol	8.288	79	111571	38.26	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.587	45	162593	36.96	ng		98
17) 2-Methylphenol	8.493	107	89384	36.81	ng	#	88
18) Hexachloroethane	9.145	117	50595	38.17	ng		98
19) n-Nitroso-di-n-propyla...	8.858	70	96090	37.71	ng		90
20) 3+4-Methylphenols	8.816	107	122622	37.44	ng		91
22) Acetophenone	8.875	105	174563	35.59	ng	#	89
24) Nitrobenzene	9.263	77	143386	36.33	ng	#	85
25) Isophorone	9.780	82	241442	35.51	ng		93
26) 2-Nitrophenol	9.974	139	62177	36.29	ng	#	79
27) 2,4-Dimethylphenol	10.027	122	85188	36.41	ng		96
28) bis(2-Chloroethoxy)met...	10.262	93	145052	34.54	ng		98
29) 2,4-Dichlorophenol	10.509	162	116053	36.03	ng		96
30) 1,2,4-Trichlorobenzene	10.732	180	141546	35.66	ng		99
31) Naphthalene	10.920	128	342493	35.97	ng		99
32) Benzoic acid	10.144	122	65674	33.86	ng	#	74
33) 4-Chloroaniline	11.020	127	146088	35.28	ng	#	94
34) Hexachlorobutadiene	11.202	225	109305	36.72	ng		97
35) Caprolactam	11.784	113	40093	37.38	ng		95
36) 4-Chloro-3-methylphenol	12.136	107	118039	35.31	ng		92
37) 2-Methylnaphthalene	12.518	142	264126	35.72	ng	#	96
38) 1-Methylnaphthalene	12.735	142	251265	35.86	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.882	216	174536	35.73	ng		99
41) Hexachlorocyclopentadiene	12.865	237	96290	36.08	ng		96
43) 2,4,6-Trichlorophenol	13.117	196	113498	35.65	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.188	196	113543	35.09	ng	#	96
46) 1,1'-Biphenyl	13.523	154	354452	35.02	ng		94
47) 2-Chloronaphthalene	13.564	162	293264	35.19	ng		99
48) 2-Nitroaniline	13.764	65	102123	37.60	ng		85
49) Acenaphthylene	14.410	152	426454	35.25	ng		98
50) Dimethylphthalate	14.134	163	402729	36.57	ng		99
51) 2,6-Dinitrotoluene	14.257	165	84126	36.63	ng	#	69
52) Acenaphthene	14.751	154	281143	35.60	ng		98
53) 3-Nitroaniline	14.586	138	89296	39.12	ng		85
54) 2,4-Dinitrophenol	14.792	184	57787	38.12	ng	#	79
55) Dibenzofuran	15.086	168	461846	36.43	ng		97
56) 4-Nitrophenol	14.880	139	74456	41.69	ng	#	71
57) 2,4-Dinitrotoluene	15.039	165	128947	39.08	ng	#	82
58) Fluorene	15.732	166	369499	36.11	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.309	232	125098	36.41	ng	#	96
60) Diethylphthalate	15.497	149	417755	38.05	ng		96
61) 4-Chlorophenyl-phenyle...	15.726	204	224806	36.83	ng		97
62) 4-Nitroaniline	15.749	138	98693	40.26	ng	#	65
63) Azobenzene	16.014	77	358276	36.73	ng		90
65) 4,6-Dinitro-2-methylph...	15.808	198	80196	36.91	ng		89
66) n-Nitrosodiphenylamine	15.937	169	346527	34.20	ng		98
67) 4-Bromophenyl-phenylether	16.619	248	157960	34.00	ng		98
68) Hexachlorobenzene	16.737	284	171548	35.01	ng		95
69) Atrazine	16.878	200	155314	37.24	ng		99
70) Pentachlorophenol	17.077	266	108422	37.96	ng		96
71) Phenanthrene	17.477	178	664796	35.25	ng		97
72) Anthracene	17.565	178	653512	35.36	ng		97
73) Carbazole	17.835	167	604816	36.80	ng		98
74) Di-n-butylphthalate	18.388	149	775045	38.15	ng	#	96
75) Fluoranthene	19.480	202	913756	37.69	ng		96
77) Benzidine	19.657	184	347233	38.26	ng		99
78) Pyrene	19.845	202	911257	35.99	ng		97
80) Butylbenzylphthalate	20.720	149	352166	36.29	ng		93
81) Benzo(a)anthracene	21.678	228	932020	35.81	ng		97
82) 3,3'-Dichlorobenzidine	21.596	252	345678	36.63	ng		97
83) Chrysene	21.748	228	885517	35.74	ng		99
84) Bis(2-ethylhexyl)phtha...	21.578	149	494346	36.14	ng		95
85) Di-n-octyl phthalate	22.794	149	835174	36.33	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.617	276	1061216	36.42	ng	#	93
88) Benzo(b)fluoranthene	23.905	252	944350	36.22	ng	#	96
89) Benzo(k)fluoranthene	23.975	252	912222	36.02	ng	#	96
90) Benzo(a)pyrene	24.786	252	883869	36.27	ng	#	97
91) Dibenzo(a,h)anthracene	28.687	278	862237	36.44	ng	#	96
92) Benzo(g,h,i)perylene	29.774	276	851658	36.21	ng	#	93

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

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