Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
Data File : BG047086.D
Acq On : 27 Oct 2020 9:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 27 11:10:09 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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/28/2020 8:05:45 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.057	152	48362	20.00	ng		0.00
21) Naphthalene-d8	10.865	136	185844	20.00	ng	#	0.00
39) Acenaphthene-d10	14.690	164	142268	20.00	ng		0.00
64) Phenanthrene-d10	17.434	188	372620	20.00	ng	#	0.00
76) Chrysene-d12	21.700	240	404721	20.00	ng	#	0.00
86) Perylene-d12	24.931	264	408285	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.613	112	200603	73.53	ng		0.00
7) Phenol-d6	7.211	99	291927	73.99	ng		0.00
23) Nitrobenzene-d5	9.220	82	279476	72.02	ng		0.00
42) 2,4,6-Tribromophenol	16.177	330	171594	75.25	ng		0.00
45) 2-Fluorobiphenyl	13.309	172	695162	69.08	ng		0.00
79) Terphenyl-d14	20.037	244	1492659	71.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.497	88	43800	35.53	ng	#	94
3) Pyridine	3.897	79	129065	38.58	ng		91
4) n-Nitrosodimethylamine	3.809	42	65800	37.13	ng	#	73
6) Aniline	7.375	93	172720	37.04	ng		94
8) 2-Chlorophenol	7.616	128	105579	36.40	ng		93
9) Benzaldehyde	7.193	77	74532	37.09	ng		85
10) Phenol	7.234	94	134868	36.20	ng		78
11) bis(2-Chloroethyl)ether	7.469	93	105873	36.12	ng		93
12) 1,3-Dichlorobenzene	7.945	146	134728	36.45	ng	#	87
13) 1,4-Dichlorobenzene	8.092	146	136292	36.52	ng		95
14) 1,2-Dichlorobenzene	8.409	146	127729	36.11	ng		94
15) Benzyl Alcohol	8.292	79	117198	38.11	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.580	45	166084	35.79	ng		99
17) 2-Methylphenol	8.492	107	92441	36.09	ng	#	86
18) Hexachloroethane	9.144	117	50273	35.96	ng		99
19) n-Nitroso-di-n-propyla...	8.856	70	97462	36.27	ng		94
20) 3+4-Methylphenols	8.821	107	130707	37.84	ng		90
22) Acetophenone	8.873	105	180035	35.96	ng		93
24) Nitrobenzene	9.261	77	144220	35.80	ng	#	87
25) Isophorone	9.778	82	248308	35.78	ng		96
26) 2-Nitrophenol	9.972	139	65004	37.17	ng	#	79
27) 2,4-Dimethylphenol	10.025	122	89045	37.29	ng		91
28) bis(2-Chloroethoxy)met...	10.266	93	152586	35.60	ng		97
29) 2,4-Dichlorophenol	10.513	162	123262	37.49	ng		95
30) 1,2,4-Trichlorobenzene	10.730	180	144146	35.58	ng		99
31) Naphthalene	10.918	128	350517	36.06	ng		99
32) Benzoic acid	10.154	122	71573	35.77	ng	#	80
33) 4-Chloroaniline	11.024	127	157232	37.20	ng		97
34) Hexachlorobutadiene	11.206	225	109866	36.16	ng		97
35) Caprolactam	11.782	113	42645	38.96	ng		98
36) 4-Chloro-3-methylphenol	12.134	107	129246	37.87	ng		92
37) 2-Methylnaphthalene	12.516	142	274665	36.39	ng	#	94
38) 1-Methylnaphthalene	12.740	142	257739m	36.04	ng		
40) 1,2,4,5-Tetrachloroben...	12.886	216	177335	34.12	ng		97
41) Hexachlorocyclopentadiene	12.863	237	102906	36.24	ng		96
43) 2,4,6-Trichlorophenol	13.121	196	117122	34.58	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.192	196	125644	36.50	ng	#	93
46) 1,1'-Biphenyl	13.521	154	373174	34.65	ng		96
47) 2-Chloronaphthalene	13.568	162	306033	34.52	ng		97
48) 2-Nitroaniline	13.762	65	111208	38.48	ng	#	78
49) Acenaphthylene	14.414	152	457780	35.56	ng		98
50) Dimethylphthalate	14.138	163	427277	36.46	ng		98
51) 2,6-Dinitrotoluene	14.255	165	89065	36.44	ng	#	72
52) Acenaphthene	14.749	154	295930	35.22	ng		92
53) 3-Nitroaniline	14.584	138	94928	39.08	ng	#	71
54) 2,4-Dinitrophenol	14.790	184	61218	37.95	ng	#	83
55) Dibenzofuran	15.084	168	486130	36.04	ng		96
56) 4-Nitrophenol	14.890	139	75939	39.96	ng	#	74
57) 2,4-Dinitrotoluene	15.043	165	135877	38.70	ng	#	82
58) Fluorene	15.736	166	390438	35.86	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.307	232	133931	36.64	ng		96
60) Diethylphthalate	15.495	149	440264	37.69	ng		96
61) 4-Chlorophenyl-phenyle...	15.724	204	233685	35.98	ng		97
62) 4-Nitroaniline	15.748	138	103683	39.75	ng	#	51
63) Azobenzene	16.018	77	380819	36.70	ng		90
65) 4,6-Dinitro-2-methylph...	15.807	198	83802	36.55	ng		91
66) n-Nitrosodiphenylamine	15.936	169	372123	34.81	ng		96
67) 4-Bromophenyl-phenylether	16.617	248	171172	34.92	ng		95
68) Hexachlorobenzene	16.741	284	178474	34.52	ng		97
69) Atrazine	16.882	200	160961	36.57	ng		98
70) Pentachlorophenol	17.082	266	110225	36.57	ng		98
71) Phenanthrene	17.475	178	706165	35.48	ng		97
72) Anthracene	17.563	178	689195	35.34	ng		97
73) Carbazole	17.834	167	623565	35.96	ng		99
74) Di-n-butylphthalate	18.386	149	781538	36.46	ng	#	98
75) Fluoranthene	19.479	202	946171	36.98	ng		96
77) Benzidine	19.655	184	387002	41.85	ng		97
78) Pyrene	19.843	202	944398	36.60	ng		97
80) Butylbenzylphthalate	20.718	149	351656	35.57	ng		90
81) Benzo(a)anthracene	21.682	228	955643	36.04	ng		97
82) 3,3'-Dichlorobenzidine	21.594	252	349101	36.30	ng	#	98
83) Chrysene	21.747	228	909840	36.04	ng		97
84) Bis(2-ethylhexyl)phtha...	21.576	149	503581	36.13	ng		97
85) Di-n-octyl phthalate	22.792	149	851954	36.37	ng		96
87) Indeno(1,2,3-cd)pyrene	28.627	276	1093308	36.67	ng	#	93
88) Benzo(b)fluoranthene	23.909	252	955922	35.83	ng	#	98
89) Benzo(k)fluoranthene	23.973	252	950711	36.69	ng	#	97
90) Benzo(a)pyrene	24.784	252	901096	36.14	ng	#	97
91) Dibenzo(a,h)anthracene	28.686	278	883499	36.49	ng	#	95
92) Benzo(g,h,i)perylene	29.773	276	877540	36.46	ng	#	91

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

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