Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
Data File : BG047078.D
Acq On : 26 Oct 2020 17:22
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 26 18:59:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 18:52:34 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
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10/28/2020 8:05:37 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	53431	20.00	ng		0.00
21) Naphthalene-d8	10.870	136	206649	20.00	ng		0.00
39) Acenaphthene-d10	14.689	164	147923	20.00	ng		0.00
64) Phenanthrene-d10	17.433	188	357471	20.00	ng		# 0.00
76) Chrysene-d12	21.705	240	386888	20.00	ng		# 0.00
86) Perylene-d12	24.936	264	389565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.617	112	124900	41.40	ng		0.00
7) Phenol-d6	7.210	99	178118	41.65	ng		0.00
23) Nitrobenzene-d5	9.219	82	172291	47.65	ng		0.00
42) 2,4,6-Tribromophenol	16.176	330	93748	46.77	ng		0.00
45) 2-Fluorobiphenyl	13.308	172	422768	43.63	ng		0.00
79) Terphenyl-d14	20.036	244	834009	45.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.508	88	29340	23.38	ng		97
3) Pyridine	3.908	79	78993	21.51	ng		96
4) n-Nitrosodimethylamine	3.820	42	39696	29.31	ng	#	72
6) Aniline	7.380	93	104783	21.77	ng		98
8) 2-Chlorophenol	7.621	128	66192	20.76	ng		96
9) Benzaldehyde	7.192	77	54457	22.73	ng		85
10) Phenol	7.233	94	84315	21.41	ng		79
11) bis(2-Chloroethyl)ether	7.474	93	65668	20.74	ng		95
12) 1,3-Dichlorobenzene	7.950	146	82849	20.47	ng	#	90
13) 1,4-Dichlorobenzene	8.097	146	83137	20.51	ng		94
14) 1,2-Dichlorobenzene	8.414	146	80015	20.59	ng		92
15) Benzyl Alcohol	8.291	79	69870	25.45	ng		86
16) 2,2'-oxybis(1-Chloropr...	8.590	45	104391	21.26	ng		99
17) 2-Methylphenol	8.496	107	58043	20.78	ng	#	91
18) Hexachloroethane	9.149	117	31724	23.09	ng		92
19) n-Nitroso-di-n-propyla...	8.855	70	59657	23.32	ng		95
20) 3+4-Methylphenols	8.820	107	78344	20.32	ng		91
22) Acetophenone	8.878	105	109399	21.75	ng	#	90
24) Nitrobenzene	9.266	77	89504	25.06	ng		88
25) Isophorone	9.783	82	153874	23.21	ng	#	93
26) 2-Nitrophenol	9.971	139	37451	19.87	ng	#	84
27) 2,4-Dimethylphenol	10.030	122	52688	20.33	ng		90
28) bis(2-Chloroethoxy)met...	10.265	93	93410	21.89	ng		95
29) 2,4-Dichlorophenol	10.512	162	74204	21.47	ng		96
30) 1,2,4-Trichlorobenzene	10.729	180	91391	22.29	ng		96
31) Naphthalene	10.917	128	213702	21.18	ng		97
32) Benzoic acid	10.124	122	36080	22.46	ng		91
33) 4-Chloroaniline	11.023	127	94111	21.15	ng	#	92
34) Hexachlorobutadiene	11.205	225	67672	25.43	ng		98
35) Caprolactam	11.769	113	23481	18.18	ng		89
36) 4-Chloro-3-methylphenol	12.133	107	74982	22.19	ng		88
37) 2-Methylnaphthalene	12.521	142	167282	21.02	ng	#	89
38) 1-Methylnaphthalene	12.739	142	155556m	20.64	ng		
40) 1,2,4,5-Tetrachloroben...	12.885	216	109684	22.49	ng		96
41) Hexachlorocyclopentadiene	12.868	237	58943	27.79	ng		99
43) 2,4,6-Trichlorophenol	13.120	196	68895	20.93	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.191	196	72622	21.00	ng	#	95
46) 1,1'-Biphenyl	13.520	154	227091	22.07	ng		96
47) 2-Chloronaphthalene	13.567	162	186928	21.42	ng		97
48) 2-Nitroaniline	13.761	65	59841	24.70	ng	#	72
49) Acenaphthylene	14.413	152	268777	20.31	ng		99
50) Dimethylphthalate	14.137	163	242535	21.19	ng		99
51) 2,6-Dinitrotoluene	14.254	165	51068	20.24	ng	#	71
52) Acenaphthene	14.754	154	175510	21.40	ng		96
53) 3-Nitroaniline	14.583	138	50803	18.59	ng	#	79
54) 2,4-Dinitrophenol	14.789	184	30134	20.46	ng	#	73
55) Dibenzofuran	15.089	168	285983	21.73	ng		96
56) 4-Nitrophenol	14.883	139	37581	18.69	ng	#	61
57) 2,4-Dinitrotoluene	15.042	165	72421	20.13	ng	#	83
58) Fluorene	15.735	166	225285	20.39	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.306	232	75406	22.45	ng	#	97
60) Diethylphthalate	15.494	149	243499	21.82	ng		96
61) 4-Chlorophenyl-phenyle...	15.723	204	135078	22.20	ng		94
62) 4-Nitroaniline	15.747	138	55162	19.13	ng	#	73
63) Azobenzene	16.017	77	216821	23.89	ng		90
65) 4,6-Dinitro-2-methylph...	15.806	198	44677	22.08	ng		91
66) n-Nitrosodiphenylamine	15.935	169	208017	21.57	ng		98
67) 4-Bromophenyl-phenylether	16.616	248	93147	22.33	ng		94
68) Hexachlorobenzene	16.740	284	98386	21.30	ng		97
69) Atrazine	16.881	200	85232	21.66	ng		98
70) Pentachlorophenol	17.081	266	56479	23.40	ng		98
71) Phenanthrene	17.474	178	389759	21.51	ng		96
72) Anthracene	17.568	178	380224	21.27	ng		95
73) Carbazole	17.833	167	334439	19.81	ng		99
74) Di-n-butylphthalate	18.385	149	417053	21.49	ng	#	95
75) Fluoranthene	19.484	202	499508	21.42	ng		94
77) Benzidine	19.654	184	158888	17.67	ng		98
78) Pyrene	19.842	202	508881	20.66	ng		99
80) Butylbenzylphthalate	20.723	149	187528	19.51	ng		93
81) Benzo(a)anthracene	21.681	228	514839	21.35	ng		98
82) 3,3'-Dichlorobenzidine	21.593	252	189423	21.17	ng	#	94
83) Chrysene	21.746	228	493004	21.25	ng		97
84) Bis(2-ethylhexyl)phtha...	21.581	149	263464	20.09	ng		94
85) Di-n-octyl phthalate	22.797	149	449716	20.03	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.608	276	567549	20.28	ng	#	89
88) Benzo(b)fluoranthene	23.902	252	501796	20.63	ng	#	96
89) Benzo(k)fluoranthene	23.972	252	511404	21.75	ng	#	96
90) Benzo(a)pyrene	24.783	252	481586	21.21	ng	#	96
91) Dibenzo(a,h)anthracene	28.679	278	463787	20.54	ng	#	94
92) Benzo(g,h,i)perylene	29.772	276	458937	20.36	ng	#	91

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

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