Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059728.D
Acq On : 17 Nov 2023 12:04
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 12:38:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.346	152	39025	20.000	ng		# 0.00
21) Naphthalene-d8	11.196	136	187167	20.000	ng		# 0.00
39) Acenaphthene-d10	14.974	164	125717	20.000	ng		0.00
64) Phenanthrene-d10	17.723	188	302354	20.000	ng		# 0.00
76) Chrysene-d12	22.053	240	268403	20.000	ng		# 0.00
86) Perylene-d12	25.637	264	323085	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.831	112	188413	81.262	ng		0.00
7) Phenol-d6	7.459	99	290797	84.634	ng		0.00
23) Nitrobenzene-d5	9.545	82	410231	83.709	ng		0.00
42) 2,4,6-Tribromophenol	16.460	330	125564	88.028	ng		0.00
45) 2-Fluorobiphenyl	13.599	172	823188	88.138	ng		0.00
79) Terphenyl-d14	20.297	244	1444094	79.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.681	88	39523	36.293	ng		93
3) Pyridine	4.092	79	116158	39.053	ng		96
4) n-Nitrosodimethylamine	4.022	42	64504	40.765	ng	#	76
6) Aniline	7.670	93	183633	40.497	ng		99
8) 2-Chlorophenol	7.894	128	99872	39.705	ng		94
9) Benzaldehyde	7.488	77	99168	42.698	ng		91
10) Phenol	7.488	94	154398	43.601	ng		95
11) bis(2-Chloroethyl)ether	7.753	93	86754	39.354	ng		95
12) 1,3-Dichlorobenzene	8.223	146	109410	39.160	ng		94
13) 1,4-Dichlorobenzene	8.381	146	114384	40.768	ng		96
14) 1,2-Dichlorobenzene	8.381	146	114384	41.035	ng		93
15) Benzyl Alcohol	8.581	79	166270	42.436	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.840	45	34168	42.128	ng	#	65
17) 2-Methylphenol	8.769	107	107476	41.205	ng		95
18) Hexachloroethane	9.427	117	49443	41.519	ng		97
19) n-Nitroso-di-n-propyla...	9.151	70	112402	41.542	ng	#	97
20) 3+4-Methylphenols	9.104	107	154474	42.661	ng		96
22) Acetophenone	9.186	105	206880	39.042	ng	#	93
24) Nitrobenzene	9.586	77	188152	41.687	ng		95
25) Isophorone	10.091	82	329811	40.087	ng		96
26) 2-Nitrophenol	10.297	139	67021	40.502	ng		94
27) 2,4-Dimethylphenol	10.320	122	130648	38.832	ng		88
28) bis(2-Chloroethoxy)met...	10.573	93	121553	39.316	ng		91
29) 2,4-Dichlorophenol	10.820	162	117289	40.832	ng		87
30) 1,2,4-Trichlorobenzene	11.037	180	122986	42.364	ng		93
31) Naphthalene	11.243	128	381170	40.500	ng		98
32) Benzoic acid	10.426	122	87602	38.259	ng	#	79
33) 4-Chloroaniline	11.354	127	160621	40.124	ng		93
34) Hexachlorobutadiene	11.466	225	78719	39.842	ng		94
35) Caprolactam	12.153	113	41741	39.760	ng		92
36) 4-Chloro-3-methylphenol	12.429	107	166686	43.633	ng		96
37) 2-Methylnaphthalene	12.823	142	315645	39.820	ng		89
38) 1-Methylnaphthalene	13.040	142	297259	40.665	ng		90
40) 1,2,4,5-Tetrachloroben...	13.164	216	142073	41.845	ng		97
41) Hexachlorocyclopentadiene	13.117	237	95705	44.938	ng		89
43) 2,4,6-Trichlorophenol	13.399	196	110039m	46.607	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.475	196	121495	43.796	ng	#	88
46) 1,1'-Biphenyl	13.810	154	428339	43.408	ng		95
47) 2-Chloronaphthalene	13.863	162	306213	45.162	ng		95
48) 2-Nitroaniline	14.080	65	118738	49.049	ng		89
49) Acenaphthylene	14.703	152	498265	43.098	ng		96
50) Dimethylphthalate	14.415	163	422753	43.393	ng		100
51) 2,6-Dinitrotoluene	14.556	165	77665	42.022	ng	#	75
52) Acenaphthene	15.038	154	306716	44.113	ng		95
53) 3-Nitroaniline	14.897	138	89824	41.521	ng		94
54) 2,4-Dinitrophenol	15.091	184	52996	38.588	ng	#	73
55) Dibenzofuran	15.367	168	504354	43.996	ng		93
56) 4-Nitrophenol	15.167	139	67503	40.785	ng	#	85
57) 2,4-Dinitrotoluene	15.332	165	124335	43.745	ng		88
58) Fluorene	16.013	166	410488	43.101	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.579	232	103915	42.613	ng		95
60) Diethylphthalate	15.755	149	466193	44.617	ng		97
61) 4-Chlorophenyl-phenyle...	15.996	204	214104	43.676	ng		98
62) 4-Nitroaniline	16.060	138	84424	38.938	ng	#	76
63) Azobenzene	16.290	77	526777	45.367	ng		95
65) 4,6-Dinitro-2-methylph...	16.084	198	76252	41.267	ng		86
66) n-Nitrosodiphenylamine	16.219	169	374647	42.418	ng		96
67) 4-Bromophenyl-phenylether	16.895	248	138202	42.548	ng		97
68) Hexachlorobenzene	16.989	284	129188	42.613	ng		96
69) Atrazine	17.147	200	113042	39.919	ng		96
70) Pentachlorophenol	17.341	266	99629	43.075	ng		91
71) Phenanthrene	17.764	178	654871	42.601	ng		99
72) Anthracene	17.858	178	649041	40.636	ng		98
73) Carbazole	18.134	167	559034	40.064	ng		97
74) Di-n-butylphthalate	18.634	149	696588	41.300	ng		98
75) Fluoranthene	19.756	202	724458	39.298	ng		98
77) Benzidine	19.938	184	227085	37.311	ng		98
78) Pyrene	20.120	202	720503	39.454	ng		99
80) Butylbenzylphthalate	20.978	149	302486	40.395	ng		99
81) Benzo(a)anthracene	22.030	228	727100	39.592	ng		99
82) 3,3'-Dichlorobenzidine	21.942	252	265014	38.734	ng		93
83) Chrysene	22.100	228	707982	42.054	ng		97
84) Bis(2-ethylhexyl)phtha...	21.854	149	430908	41.164	ng	#	98
85) Di-n-octyl phthalate	23.193	149	757936	37.611	ng		98
87) Indeno(1,2,3-cd)pyrene	29.797	276	1015667	41.546	ng	#	83
88) Benzo(b)fluoranthene	24.480	252	808422	45.653	ng	#	95
89) Benzo(k)fluoranthene	24.551	252	786808	44.943	ng	#	98
90) Benzo(a)pyrene	25.467	252	781030	41.327	ng		99
91) Dibenzo(a,h)anthracene	29.897	278	841565	40.689	ng		99
92) Benzo(g,h,i)perylene	31.137	276	787417	40.123	ng	#	92

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

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