Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059880.D
Acq On : 25 Nov 2023 6:31
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 07:04:08 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 24 15:11:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	28945	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	146887	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	103429	20.000	ng	# 0.00
64) Phenanthrene-d10	17.701	188	171561	20.000	ng	0.00
76) Chrysene-d12	22.026	240	134268	20.000	ng	0.00
86) Perylene-d12	25.598	264	152713	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	134558	78.245	ng	0.00
7) Phenol-d6	7.443	99	213117	83.627	ng	0.00
23) Nitrobenzene-d5	9.523	82	318590	82.836	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	110373	94.052	ng	0.00
45) 2-Fluorobiphenyl	13.571	172	729511	94.940	ng	0.00
79) Terphenyl-d14	20.275	244	985867	108.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	20690	25.615	ng	# 91
3) Pyridine	4.064	79	70615	32.009	ng	95
4) n-Nitrosodimethylamine	3.988	42	43772	37.296	ng	# 66
6) Aniline	7.642	93	141425	42.050	ng	97
8) 2-Chlorophenol	7.872	128	78077	41.850	ng	90
9) Benzaldehyde	7.460	77	72995	42.374	ng	91
10) Phenol	7.472	94	110307	41.998	ng	95
11) bis(2-Chloroethyl)ether	7.731	93	64296	39.324	ng	95
12) 1,3-Dichlorobenzene	8.201	146	88415	42.666	ng	98
13) 1,4-Dichlorobenzene	8.353	146	93392	44.878	ng	97
14) 1,2-Dichlorobenzene	8.677	146	88703	42.903	ng	91
15) Benzyl Alcohol	8.559	79	127009	43.705	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.823	45	22056	36.665	ng	84
17) 2-Methylphenol	8.747	107	87484	45.221	ng	90
18) Hexachloroethane	9.405	117	38532	43.625	ng	93
19) n-Nitroso-di-n-propyla...	9.123	70	84481	42.096	ng	# 94
20) 3+4-Methylphenols	9.076	107	123545	46.001	ng	96
22) Acetophenone	9.158	105	167150	40.194	ng	# 98
24) Nitrobenzene	9.564	77	141451	39.934	ng	95
25) Isophorone	10.069	82	249079	38.576	ng	97
26) 2-Nitrophenol	10.269	139	53110	40.897	ng	91
27) 2,4-Dimethylphenol	10.292	122	94588	35.823	ng	# 70
28) bis(2-Chloroethoxy)met...	10.551	93	93833	38.672	ng	95
29) 2,4-Dichlorophenol	10.798	162	99005	43.918	ng	92
30) 1,2,4-Trichlorobenzene	11.009	180	108573	47.656	ng	89
31) Naphthalene	11.215	128	319048	43.196	ng	# 91
32) Benzoic acid	10.416	122	71788m	39.950	ng	
33) 4-Chloroaniline	11.338	127	134381	42.775	ng	96
34) Hexachlorobutadiene	11.444	225	73446	47.367	ng	97
35) Caprolactam	12.137	113	30582	37.119	ng	88
36) 4-Chloro-3-methylphenol	12.407	107	131865	43.983	ng	95
37) 2-Methylnaphthalene	12.795	142	261119	41.975	ng	93
38) 1-Methylnaphthalene	13.018	142	240947	42.000	ng	93
40) 1,2,4,5-Tetrachloroben...	13.142	216	125738	45.015	ng	97
41) Hexachlorocyclopentadiene	13.095	237	58731	33.519	ng	81
43) 2,4,6-Trichlorophenol	13.383	196	72479m	37.314	ng	

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.453	196	89913	39.395	ng		94
46) 1,1'-Biphenyl	13.788	154	348053	42.872	ng		98
47) 2-Chloronaphthalene	13.841	162	260265	46.657	ng		90
48) 2-Nitroaniline	14.058	65	95938	48.171	ng	#	86
49) Acenaphthylene	14.687	152	438282	46.079	ng	#	93
50) Dimethylphthalate	14.393	163	360452	44.971	ng		100
51) 2,6-Dinitrotoluene	14.534	165	67411	44.334	ng		94
52) Acenaphthene	15.016	154	257579	45.029	ng		93
53) 3-Nitroaniline	14.881	138	75526	42.435	ng		91
54) 2,4-Dinitrophenol	15.069	184	35443	31.368	ng		96
55) Dibenzofuran	15.345	168	420469	44.583	ng	#	94
56) 4-Nitrophenol	15.151	139	52567	38.605	ng	#	88
57) 2,4-Dinitrotoluene	15.316	165	102587	43.872	ng		91
58) Fluorene	15.997	166	345627	44.110	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.557	232	81151m	40.449	ng		
60) Diethylphthalate	15.733	149	381052	44.328	ng		97
61) 4-Chlorophenyl-phenyle...	15.974	204	182791	45.324	ng		91
62) 4-Nitroaniline	16.038	138	70873	39.732	ng		97
63) Azobenzene	16.268	77	392964	41.136	ng		96
65) 4,6-Dinitro-2-methylph...	16.068	198	52251	49.836	ng		93
66) n-Nitrosodiphenylamine	16.197	169	299100	59.681	ng		95
67) 4-Bromophenyl-phenylether	16.873	248	110073	59.723	ng	#	87
68) Hexachlorobenzene	16.967	284	83980	48.820	ng	#	91
69) Atrazine	17.125	200	71944	44.775	ng		92
70) Pentachlorophenol	17.319	266	61108	46.563	ng		95
71) Phenanthrene	17.742	178	404274	46.348	ng		98
72) Anthracene	17.836	178	401380	44.288	ng		95
73) Carbazole	18.113	167	382713	48.337	ng		97
74) Di-n-butylphthalate	18.612	149	572623	59.833	ng		98
75) Fluoranthene	19.734	202	507922	48.557	ng		98
77) Benzidine	19.922	184	132787	43.614	ng		97
78) Pyrene	20.098	202	482721	52.840	ng		99
80) Butylbenzylphthalate	20.950	149	221612	59.160	ng		97
81) Benzo(a)anthracene	22.002	228	460359m	50.110	ng		
82) 3,3'-Dichlorobenzidine	21.914	252	166554	48.662	ng	#	74
83) Chrysene	22.078	228	415660	49.356	ng		99
84) Bis(2-ethylhexyl)phtha...	21.826	149	231454	44.199	ng	#	93
85) Di-n-octyl phthalate	23.148	149	418994	41.563	ng		97
87) Indeno(1,2,3-cd)pyrene	29.752	276	509513m	44.094	ng		
88) Benzo(b)fluoranthene	24.440	252	413999m	49.462	ng		
89) Benzo(k)fluoranthene	24.511	252	401589	48.531	ng	#	98
90) Benzo(a)pyrene	25.422	252	398230	44.580	ng	#	98
91) Dibenzo(a,h)anthracene	29.816	278	421393	43.104	ng	#	98
92) Benzo(g,h,i)perylene	31.044	276	429290m	46.279	ng		

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

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