Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059751.D
Acq On : 18 Nov 2023 5:50
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 09:26:59 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	8.336	152	20468	20.000	ng	# 0.00
21) Naphthalene-d8	11.192	136	104075	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	75402	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	187146	20.000	ng	# 0.00
76) Chrysene-d12	22.049	240	256061	20.000	ng	# 0.00
86) Perylene-d12	25.628	264	287081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	93046	76.514	ng	0.00
7) Phenol-d6	7.466	99	149517	82.969	ng	0.01
23) Nitrobenzene-d5	9.541	82	227662	83.544	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	82456	96.380	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	462640	82.589	ng	0.00
79) Terphenyl-d14	20.293	244	1421943	81.978	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.671	88	19984	34.988	ng	# 91
3) Pyridine	4.088	79	52346	33.555	ng	94
4) n-Nitrosodimethylamine	4.018	42	33706	40.614	ng	# 53
6) Aniline	7.666	93	88090	37.040	ng	92
8) 2-Chlorophenol	7.890	128	52306	39.648	ng	97
9) Benzaldehyde	7.484	77	46542	38.208	ng	93
10) Phenol	7.490	94	72177	38.861	ng	92
11) bis(2-Chloroethyl)ether	7.754	93	42100	36.413	ng	98
12) 1,3-Dichlorobenzene	8.219	146	58214	39.726	ng	94
13) 1,4-Dichlorobenzene	8.377	146	57741	39.238	ng	90
14) 1,2-Dichlorobenzene	8.694	146	52794m	36.111	ng	
15) Benzyl Alcohol	8.583	79	85389	41.552	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.847	45	16573	38.960	ng	# 71
17) 2-Methylphenol	8.765	107	53304	38.965	ng	92
18) Hexachloroethane	9.429	117	25067	40.134	ng	92
19) n-Nitroso-di-n-propyla...	9.147	70	54193	38.188	ng	# 87
20) 3+4-Methylphenols	9.094	107	75386	39.695	ng	83
22) Acetophenone	9.182	105	114311	38.796	ng	95
24) Nitrobenzene	9.588	77	104355	41.580	ng	94
25) Isophorone	10.093	82	168107	36.746	ng	# 94
26) 2-Nitrophenol	10.293	139	35170	38.223	ng	90
27) 2,4-Dimethylphenol	10.316	122	69097	36.934	ng	84
28) bis(2-Chloroethoxy)met...	10.575	93	65487	38.092	ng	100
29) 2,4-Dichlorophenol	10.815	162	64542	40.408	ng	88
30) 1,2,4-Trichlorobenzene	11.033	180	62739	38.866	ng	# 92
31) Naphthalene	11.239	128	199982	38.213	ng	# 95
32) Benzoic acid	10.422	122	50485	39.652	ng	# 76
33) 4-Chloroaniline	11.356	127	91485	41.100	ng	98
34) Hexachlorobutadiene	11.462	225	44355	40.373	ng	92
35) Caprolactam	12.149	113	23806	40.781	ng	# 51
36) 4-Chloro-3-methylphenol	12.425	107	98400	46.322	ng	92
37) 2-Methylnaphthalene	12.819	142	171841	38.987	ng	# 84
38) 1-Methylnaphthalene	13.036	142	158996m	39.116	ng	
40) 1,2,4,5-Tetrachloroben...	13.160	216	86700	42.576	ng	97
41) Hexachlorocyclopentadiene	13.113	237	55907	43.768	ng	93
43) 2,4,6-Trichlorophenol	13.395	196	58053	40.996	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.471	196	70422	42.324	ng	#	87
46) 1,1'-Biphenyl	13.806	154	234796	39.672	ng		94
47) 2-Chloronaphthalene	13.859	162	168589	41.456	ng		97
48) 2-Nitroaniline	14.076	65	71913	49.529	ng		90
49) Acenaphthylene	14.705	152	289624	41.768	ng		98
50) Dimethylphthalate	14.411	163	258664	44.267	ng	#	98
51) 2,6-Dinitrotoluene	14.552	165	44948	40.548	ng	#	63
52) Acenaphthene	15.034	154	175803	42.157	ng		91
53) 3-Nitroaniline	14.899	138	50086	38.601	ng	#	72
54) 2,4-Dinitrophenol	15.087	184	32546	39.511	ng	#	51
55) Dibenzofuran	15.363	168	286128	41.615	ng	#	88
56) 4-Nitrophenol	15.163	139	42928	43.244	ng	#	80
57) 2,4-Dinitrotoluene	15.334	165	71897	42.176	ng	#	85
58) Fluorene	16.009	166	248225	43.455	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.575	232	59230	40.496	ng		91
60) Diethylphthalate	15.757	149	280999	44.839	ng		100
61) 4-Chlorophenyl-phenyle...	15.992	204	136824	46.536	ng		96
62) 4-Nitroaniline	16.056	138	52797	40.601	ng	#	83
63) Azobenzene	16.291	77	311957	44.794	ng		93
65) 4,6-Dinitro-2-methylph...	16.080	198	45239	39.555	ng	#	70
66) n-Nitrosodiphenylamine	16.215	169	223496	40.882	ng		98
67) 4-Bromophenyl-phenylether	16.897	248	87760	43.651	ng		91
68) Hexachlorobenzene	16.985	284	82291	43.854	ng	#	88
69) Atrazine	17.143	200	69782	39.813	ng		92
70) Pentachlorophenol	17.337	266	60995	42.606	ng		94
71) Phenanthrene	17.760	178	407547	42.832	ng		98
72) Anthracene	17.854	178	416785	42.158	ng		100
73) Carbazole	18.130	167	351017	40.642	ng		99
74) Di-n-butylphthalate	18.630	149	450718	43.173	ng	#	96
75) Fluoranthene	19.752	202	693747	60.798	ng		96
77) Benzidine	19.940	184	187174	32.236	ng		98
78) Pyrene	20.116	202	670980	38.513	ng		100
80) Butylbenzylphthalate	20.974	149	297999	41.714	ng		99
81) Benzo(a)anthracene	22.026	228	697667	39.820	ng		97
82) 3,3'-Dichlorobenzidine	21.938	252	255880	39.201	ng		95
83) Chrysene	22.102	228	644881	40.152	ng		96
84) Bis(2-ethylhexyl)phtha...	21.855	149	407141	40.769	ng	#	98
85) Di-n-octyl phthalate	23.183	149	694780	36.139	ng	#	96
87) Indeno(1,2,3-cd)pyrene	29.787	276	935574m	43.069	ng		
88) Benzo(b)fluoranthene	24.464	252	729149	46.340	ng		96
89) Benzo(k)fluoranthene	24.552	252	735461	47.279	ng	#	98
90) Benzo(a)pyrene	25.463	252	710921	42.335	ng	#	100
91) Dibenzo(a,h)anthracene	29.881	278	801556	43.614	ng	#	95
92) Benzo(g,h,i)perylene	31.127	276	726641	41.670	ng	#	95

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

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