Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
Data File : BG059838.D
Acq On : 23 Nov 2023 5:12
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 05:59:24 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 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.331	152	32247	20.000	ng		#-0.01
21) Naphthalene-d8	11.180	136	148774	20.000	ng		#-0.01
39) Acenaphthene-d10	14.964	164	123888	20.000	ng		0.00
64) Phenanthrene-d10	17.714	188	284766	20.000	ng		0.00
76) Chrysene-d12	22.044	240	244000	20.000	ng		# 0.00
86) Perylene-d12	25.628	264	276442	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.822	112	149180	77.865	ng		0.00
7) Phenol-d6	7.455	99	215922	76.051	ng		0.00
23) Nitrobenzene-d5	9.535	82	316889	81.349	ng		0.00
42) 2,4,6-Tribromophenol	16.451	330	134126	95.418	ng		0.00
45) 2-Fluorobiphenyl	13.589	172	808097	87.800	ng		0.00
79) Terphenyl-d14	20.293	244	1421266	85.989	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.660	88	33368	37.081	ng	#	93
3) Pyridine	4.083	79	101838	41.435	ng		95
4) n-Nitrosodimethylamine	4.012	42	43890	33.567	ng		84
6) Aniline	7.661	93	135025	36.037	ng		98
8) 2-Chlorophenol	7.884	128	76929	37.013	ng		90
9) Benzaldehyde	7.473	77	71677	37.348	ng		96
10) Phenol	7.485	94	110356	37.714	ng		98
11) bis(2-Chloroethyl)ether	7.749	93	68530	37.622	ng		92
12) 1,3-Dichlorobenzene	8.213	146	96916	41.979	ng		93
13) 1,4-Dichlorobenzene	8.372	146	96017m	41.415	ng		
14) 1,2-Dichlorobenzene	8.689	146	90503	39.292	ng		94
15) Benzyl Alcohol	8.577	79	129324	39.944	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.830	45	25540	38.109	ng		93
17) 2-Methylphenol	8.760	107	85952	39.880	ng		87
18) Hexachloroethane	9.418	117	40785	41.448	ng		94
19) n-Nitroso-di-n-propyla...	9.136	70	81188	36.313	ng	#	94
20) 3+4-Methylphenols	9.089	107	114933	38.413	ng		93
22) Acetophenone	9.177	105	165277	39.240	ng		95
24) Nitrobenzene	9.576	77	146550	40.848	ng		98
25) Isophorone	10.082	82	240481	36.772	ng		96
26) 2-Nitrophenol	10.281	139	50767	38.597	ng	#	82
27) 2,4-Dimethylphenol	10.311	122	101482	37.947	ng		96
28) bis(2-Chloroethoxy)met...	10.563	93	101342	41.237	ng		98
29) 2,4-Dichlorophenol	10.810	162	94509	41.392	ng		86
30) 1,2,4-Trichlorobenzene	11.027	180	100648	43.617	ng		97
31) Naphthalene	11.233	128	302740	40.468	ng		97
32) Benzoic acid	10.428	122	67649m	37.170	ng		
33) 4-Chloroaniline	11.351	127	126053	39.615	ng	#	91
34) Hexachlorobutadiene	11.462	225	70746	45.047	ng		96
35) Caprolactam	12.144	113	28740	34.441	ng		95
36) 4-Chloro-3-methylphenol	12.426	107	158613	52.234	ng	#	94
37) 2-Methylnaphthalene	12.808	142	311772	49.482	ng		89
38) 1-Methylnaphthalene	13.025	142	277670	47.788	ng		92
40) 1,2,4,5-Tetrachloroben...	13.154	216	148033	44.244	ng		99
41) Hexachlorocyclopentadiene	13.107	237	125034	59.576	ng		86
43) 2,4,6-Trichlorophenol	13.395	196	102582	44.090	ng		91

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44) 2,4,5-Trichlorophenol	13.472	196	111999	40.969	ng	#	87
46) 1,1'-Biphenyl	13.801	154	401492	41.288	ng		97
47) 2-Chloronaphthalene	13.854	162	286842	42.929	ng		98
48) 2-Nitroaniline	14.071	65	110022	46.120	ng		88
49) Acenaphthylene	14.694	152	477343	41.898	ng		94
50) Dimethylphthalate	14.406	163	412241	42.939	ng		98
51) 2,6-Dinitrotoluene	14.547	165	76225	41.852	ng		91
52) Acenaphthene	15.029	154	291786	42.586	ng		91
53) 3-Nitroaniline	14.894	138	87919	41.240	ng		92
54) 2,4-Dinitrophenol	15.087	184	73146	54.046	ng	#	69
55) Dibenzofuran	15.358	168	472251	41.804	ng		92
56) 4-Nitrophenol	15.164	139	65857	40.378	ng		95
57) 2,4-Dinitrotoluene	15.322	165	121493	43.377	ng	#	97
58) Fluorene	16.004	166	414412	44.155	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.569	232	100457	41.803	ng		97
60) Diethylphthalate	15.745	149	452571	43.953	ng		97
61) 4-Chlorophenyl-phenyle...	15.986	204	216128	44.740	ng	#	90
62) 4-Nitroaniline	16.051	138	89130	41.716	ng		91
63) Azobenzene	16.280	77	473433	41.375	ng		95
65) 4,6-Dinitro-2-methylph...	16.075	198	81670	46.929	ng		96
66) n-Nitrosodiphenylamine	16.210	169	365604	43.950	ng		98
67) 4-Bromophenyl-phenylether	16.885	248	145005	47.399	ng		93
68) Hexachlorobenzene	16.979	284	133959	46.916	ng		96
69) Atrazine	17.138	200	103739	38.897	ng		96
70) Pentachlorophenol	17.332	266	95350	43.771	ng		94
71) Phenanthrene	17.755	178	633136	43.730	ng		96
72) Anthracene	17.849	178	658894	43.801	ng		97
73) Carbazole	18.125	167	542597	41.288	ng		99
74) Di-n-butylphthalate	18.624	149	681691	42.913	ng		98
75) Fluoranthene	19.753	202	723840	41.689	ng		99
77) Benzidine	19.935	184	187173	33.829	ng		99
78) Pyrene	20.117	202	698001	42.044	ng		97
80) Butylbenzylphthalate	20.969	149	292654	42.991	ng		90
81) Benzo(a)anthracene	22.020	228	683175	40.921	ng		98
82) 3,3'-Dichlorobenzidine	21.932	252	259917	41.788	ng		95
83) Chrysene	22.097	228	624666	40.816	ng		94
84) Bis(2-ethylhexyl)phtha...	21.844	149	391227	41.111	ng	#	99
85) Di-n-octyl phthalate	23.178	149	663805	36.234	ng		99
87) Indeno(1,2,3-cd)pyrene	29.800	276	830353	39.697	ng	#	81
88) Benzo(b)fluoranthene	24.465	252	685216	45.224	ng	#	95
89) Benzo(k)fluoranthene	24.547	252	692881	46.256	ng		97
90) Benzo(a)pyrene	25.464	252	662763	40.986	ng	#	98
91) Dibenzo(a,h)anthracene	29.882	278	702915	39.719	ng	#	94
92) Benzo(g,h,i)perylene	31.122	276	666123	39.670	ng		99

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

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