Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060099.D
Acq On : 20 Dec 2023 10:39
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 11:58:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
12/21/2023
Supervised By :mohammad ahmed
12/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.953	152	46408	20.000	ng		0.00
21) Naphthalene-d8	10.761	136	180084	20.000	ng	#	0.00
39) Acenaphthene-d10	14.592	164	182527	20.000	ng		0.00
64) Phenanthrene-d10	17.336	188	583296	20.000	ng	#	-0.01
76) Chrysene-d12	21.613	240	676471	20.000	ng	#	0.00
86) Perylene-d12	24.798	264	732095	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.520	112	188290	69.455	ng		0.00
7) Phenol-d6	7.113	99	296168	77.664	ng		0.00
23) Nitrobenzene-d5	9.116	82	359884	90.745	ng		0.00
42) 2,4,6-Tribromophenol	16.079	330	418414	98.364	ng		0.00
45) 2-Fluorobiphenyl	13.217	172	1269671	85.135	ng		0.00
79) Terphenyl-d14	19.962	244	3392155	91.550	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	37788	29.457	ng	#	90
3) Pyridine	3.822	79	118506	32.986	ng	#	84
4) n-Nitrosodimethylamine	3.740	42	77946	44.109	ng	#	64
6) Aniline	7.277	93	194065	49.963	ng	#	87
8) 2-Chlorophenol	7.518	128	98475	38.332	ng		90
9) Benzaldehyde	7.089	77	91317	39.382	ng		98
10) Phenol	7.136	94	150671	39.331	ng		79
11) bis(2-Chloroethyl)ether	7.371	93	87866	32.039	ng	#	79
12) 1,3-Dichlorobenzene	7.841	146	128032	37.269	ng	#	86
13) 1,4-Dichlorobenzene	7.988	146	127881	35.773	ng	#	91
14) 1,2-Dichlorobenzene	8.305	146	127420	37.048	ng		98
15) Benzyl Alcohol	8.188	79	153900	50.213	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.482	45	185700	37.840	ng		96
17) 2-Methylphenol	8.388	107	110633	43.317	ng	#	80
18) Hexachloroethane	9.034	117	41927	38.717	ng		89
19) n-Nitroso-di-n-propyla...	8.758	70	113021	45.938	ng	#	91
20) 3+4-Methylphenols	8.717	107	149550	41.921	ng		88
22) Acetophenone	8.775	105	217826	41.508	ng	#	89
24) Nitrobenzene	9.157	77	172070	42.736	ng		92
25) Isophorone	9.680	82	321381	42.340	ng	#	94
26) 2-Nitrophenol	9.868	139	66974	45.230	ng	#	58
27) 2,4-Dimethylphenol	9.927	122	114610	56.466	ng		90
28) bis(2-Chloroethoxy)met...	10.162	93	134954	34.436	ng	#	90
29) 2,4-Dichlorophenol	10.397	162	166771	45.747	ng		94
30) 1,2,4-Trichlorobenzene	10.620	180	215528	43.678	ng		93
31) Naphthalene	10.808	128	359523	38.350	ng		100
32) Benzoic acid	10.062	122	88198m	47.770	ng		
33) 4-Chloroaniline	10.914	127	161531	45.283	ng		94
34) Hexachlorobutadiene	11.090	225	212986	47.159	ng		95
35) Caprolactam	11.701	113	39485	42.637	ng	#	87
36) 4-Chloro-3-methylphenol	12.036	107	156295	47.141	ng		94
37) 2-Methylnaphthalene	12.418	142	330321	44.924	ng	#	91
38) 1-Methylnaphthalene	12.636	142	298707	41.127	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.783	216	420491	44.189	ng		99
41) Hexachlorocyclopentadiene	12.765	237	245472	62.436	ng		97
43) 2,4,6-Trichlorophenol	13.023	196	231264	43.345	ng		94

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44) 2,4,5-Trichlorophenol	13.094	196	267744	46.136	ng		98
46) 1,1'-Biphenyl	13.423	154	535679	39.573	ng		96
47) 2-Chloronaphthalene	13.470	162	423794	36.151	ng		97
48) 2-Nitroaniline	13.670	65	127844	50.519	ng	#	85
49) Acenaphthylene	14.316	152	645365	40.245	ng		97
50) Dimethylphthalate	14.046	163	601312	42.441	ng		98
51) 2,6-Dinitrotoluene	14.163	165	125782	42.857	ng		88
52) Acenaphthene	14.657	154	403856	36.586	ng		92
53) 3-Nitroaniline	14.492	138	93855	40.020	ng		99
54) 2,4-Dinitrophenol	14.698	184	104659	48.401	ng	#	83
55) Dibenzofuran	14.992	168	749185	41.699	ng		98
56) 4-Nitrophenol	14.798	139	74083	37.586	ng	#	60
57) 2,4-Dinitrotoluene	14.951	165	188757	45.752	ng	#	92
58) Fluorene	15.638	166	631796	41.702	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.215	232	286362	47.404	ng		97
60) Diethylphthalate	15.409	149	546267	41.904	ng		95
61) 4-Chlorophenyl-phenyle...	15.632	204	508750	46.627	ng		97
62) 4-Nitroaniline	15.662	138	101023	39.559	ng	#	56
63) Azobenzene	15.926	77	464435	36.135	ng		85
65) 4,6-Dinitro-2-methylph...	15.714	198	171228	46.819	ng		91
66) n-Nitrosodiphenylamine	15.850	169	601633	42.221	ng		95
67) 4-Bromophenyl-phenylether	16.525	248	368671	44.797	ng		94
68) Hexachlorobenzene	16.643	284	396734	41.237	ng		98
69) Atrazine	16.795	200	178454	34.256	ng		99
70) Pentachlorophenol	16.983	266	262797	42.165	ng		92
71) Phenanthrene	17.383	178	1145859	40.557	ng		99
72) Anthracene	17.471	178	1210639	42.617	ng		98
73) Carbazole	17.741	167	896239	37.127	ng		100
74) Di-n-butylphthalate	18.305	149	859998	39.053	ng		97
75) Fluoranthene	19.398	202	1671315	40.538	ng		96
77) Benzidine	19.575	184	319592	36.781	ng		98
78) Pyrene	19.763	202	1683367	41.051	ng		99
80) Butylbenzylphthalate	20.650	149	331389	44.997	ng		89
81) Benzo(a)anthracene	21.590	228	1895512	41.714	ng		99
82) 3,3'-Dichlorobenzidine	21.513	252	702475	46.981	ng	#	100
83) Chrysene	21.660	228	1790016	41.580	ng		99
84) Bis(2-ethylhexyl)phtha...	21.508	149	466500	41.791	ng		98
85) Di-n-octyl phthalate	22.706	149	738146	38.228	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.441	276	2000534	38.289	ng	#	96
88) Benzo(b)fluoranthene	23.787	252	1766892	39.079	ng	#	97
89) Benzo(k)fluoranthene	23.858	252	1757163	40.066	ng	#	99
90) Benzo(a)pyrene	24.651	252	1680872	41.961	ng	#	98
91) Dibenzo(a,h)anthracene	28.505	278	1721768	39.409	ng	#	96
92) Benzo(g,h,i)perylene	29.581	276	1625135	37.395	ng	#	96

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

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