Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060872.D
Acq On : 12 Apr 2024 13:27
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 14:04:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.952	152	46393	20.000	ng		0.00
21) Naphthalene-d8	10.749	136	190374	20.000	ng		0.00
39) Acenaphthene-d10	14.586	164	146445	20.000	ng		0.00
64) Phenanthrene-d10	17.329	188	368944	20.000	ng		0.00
76) Chrysene-d12	21.595	240	348725	20.000	ng		0.00
86) Perylene-d12	24.733	264	410762	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.532	112	224104	80.472	ng		0.00
7) Phenol-d6	7.112	99	299139	72.364	ng		0.00
23) Nitrobenzene-d5	9.104	82	312947	93.801	ng		0.00
42) 2,4,6-Tribromophenol	16.072	330	184895	111.223	ng		0.00
45) 2-Fluorobiphenyl	13.205	172	780435	78.213	ng		-0.02
79) Terphenyl-d14	19.956	244	1577546	79.656	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.457	88	42410	37.144	ng		100
3) Pyridine	3.845	79	128832	37.407	ng	#	83
4) n-Nitrosodimethylamine	3.763	42	80637	39.169	ng	#	89
6) Aniline	7.271	93	177362	33.976	ng		99
8) 2-Chlorophenol	7.512	128	114497	36.265	ng		94
9) Benzaldehyde	7.089	77	82669m	36.266	ng		
10) Phenol	7.141	94	149752	35.496	ng		96
11) bis(2-Chloroethyl)ether	7.371	93	115743	33.981	ng		96
12) 1,3-Dichlorobenzene	7.841	146	124062	37.786	ng		97
13) 1,4-Dichlorobenzene	7.987	146	121937	36.403	ng		98
14) 1,2-Dichlorobenzene	8.305	146	126010	38.387	ng		98
15) Benzyl Alcohol	8.181	79	121183	36.190	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.481	45	282462m	36.746	ng		
17) 2-Methylphenol	8.387	107	115657	36.315	ng		97
18) Hexachloroethane	9.033	117	49011	41.198	ng	#	87
19) n-Nitroso-di-n-propyla...	8.751	70	112229	35.601	ng		99
20) 3+4-Methylphenols	8.716	107	159281	36.522	ng		95
22) Acetophenone	8.769	105	203195	38.709	ng	#	96
24) Nitrobenzene	9.151	77	156337	42.438	ng		96
25) Isophorone	9.674	82	282522	36.766	ng		100
26) 2-Nitrophenol	9.856	139	67378	51.124	ng		91
27) 2,4-Dimethylphenol	9.921	122	116941	37.884	ng		97
28) bis(2-Chloroethoxy)met...	10.156	93	164546	36.270	ng		99
29) 2,4-Dichlorophenol	10.391	162	119075	42.008	ng		99
30) 1,2,4-Trichlorobenzene	10.614	180	133138	41.480	ng		99
31) Naphthalene	10.796	128	382446	37.138	ng		98
32) Benzoic acid	10.050	122	94410	46.259	ng		96
33) 4-Chloroaniline	10.902	127	178431	37.304	ng		99
34) Hexachlorobutadiene	11.090	225	97295	45.483	ng		97
35) Caprolactam	11.666	113	43025	38.324	ng	#	92
36) 4-Chloro-3-methylphenol	12.030	107	142604	39.382	ng		99
37) 2-Methylnaphthalene	12.406	142	284882	37.628	ng		99
38) 1-Methylnaphthalene	12.629	142	268567	37.549	ng		99
40) 1,2,4,5-Tetrachloroben...	12.776	216	179285	42.584	ng		99
41) Hexachlorocyclopentadiene	12.758	237	99682	46.564	ng		98
43) 2,4,6-Trichlorophenol	13.011	196	122198	45.076	ng		97

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44) 2,4,5-Trichlorophenol	13.087	196	143693	44.415	ng		95
46) 1,1'-Biphenyl	13.416	154	389719	37.676	ng		96
47) 2-Chloronaphthalene	13.458	162	297193	37.816	ng		99
48) 2-Nitroaniline	13.651	65	118716	46.802	ng		97
49) Acenaphthylene	14.304	152	499147	37.799	ng		98
50) Dimethylphthalate	14.039	163	430724	37.211	ng		99
51) 2,6-Dinitrotoluene	14.151	165	91181	44.288	ng		95
52) Acenaphthene	14.650	154	325837m	39.300	ng		
53) 3-Nitroaniline	14.480	138	98523	43.612	ng	#	97
54) 2,4-Dinitrophenol	14.685	184	51129	63.459	ng		92
55) Dibenzofuran	14.985	168	501125	38.319	ng		99
56) 4-Nitrophenol	14.791	139	83326	49.242	ng		94
57) 2,4-Dinitrotoluene	14.944	165	133914	49.506	ng		91
58) Fluorene	15.631	166	406632	38.742	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.208	232	133348	47.296	ng		96
60) Diethylphthalate	15.408	149	441198	37.886	ng		99
61) 4-Chlorophenyl-phenyle...	15.631	204	225347	40.583	ng		94
62) 4-Nitroaniline	15.643	138	107535	50.813	ng		95
63) Azobenzene	15.919	77	414023	36.484	ng		96
65) 4,6-Dinitro-2-methylph...	15.708	198	82545	53.303	ng		99
66) n-Nitrosodiphenylamine	15.843	169	388112	36.812	ng		97
67) 4-Bromophenyl-phenylether	16.525	248	156331	41.752	ng		99
68) Hexachlorobenzene	16.636	284	169406	40.079	ng		98
69) Atrazine	16.795	200	144377	39.160	ng		96
70) Pentachlorophenol	16.983	266	124958	45.307	ng		97
71) Phenanthrene	17.376	178	713202	37.169	ng		99
72) Anthracene	17.465	178	740809	38.016	ng		98
73) Carbazole	17.735	167	654854	38.115	ng		99
74) Di-n-butylphthalate	18.305	149	797377	37.226	ng		99
75) Fluoranthene	19.386	202	910284	39.095	ng		97
77) Benzidine	19.562	184	343256	37.381	ng		98
78) Pyrene	19.744	202	933880	38.291	ng		98
80) Butylbenzylphthalate	20.649	149	355326	39.939	ng		97
81) Benzo(a)anthracene	21.577	228	925782	37.662	ng		99
82) 3,3'-Dichlorobenzidine	21.495	252	335286	40.396	ng		98
83) Chrysene	21.642	228	891178	37.614	ng		99
84) Bis(2-ethylhexyl)phtha...	21.513	149	518688	36.578	ng	#	96
85) Di-n-octyl phthalate	22.706	149	897629	38.856	ng		100
87) Indeno(1,2,3-cd)pyrene	28.299	276	1083463	37.456	ng	#	89
88) Benzo(b)fluoranthene	23.745	252	872544m	36.975	ng		
89) Benzo(k)fluoranthene	23.810	252	904798	37.460	ng	#	98
90) Benzo(a)pyrene	24.586	252	863564	37.656	ng		98
91) Dibenzo(a,h)anthracene	28.369	278	906010	37.156	ng	#	95
92) Benzo(g,h,i)perylene	29.415	276	869139	36.642	ng		96

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

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