Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060938.D
Acq On : 18 Apr 2024 16:26
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 18 16:59:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	53943	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	221808	20.000	ng	0.00
39) Acenaphthene-d10	14.570	164	176069	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	417957	20.000	ng	0.00
76) Chrysene-d12	21.574	240	394865	20.000	ng	0.00
86) Perylene-d12	24.693	264	469302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	235973	75.984	ng	0.00
7) Phenol-d6	7.108	99	361068	80.707	ng	0.00
23) Nitrobenzene-d5	9.094	82	370530	75.837	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	208780	71.777	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	951274	79.285	ng	0.00
79) Terphenyl-d14	19.940	244	1727963	76.373	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	49274	39.249	ng	99
3) Pyridine	3.841	79	157079	39.326	ng	98
4) n-Nitrosodimethylamine	3.753	42	97190	38.131	ng	97
6) Aniline	7.267	93	220190	40.396	ng	97
8) 2-Chlorophenol	7.508	128	139739	39.552	ng	99
9) Benzaldehyde	7.079	77	93284	38.826	ng	96
10) Phenol	7.132	94	183068	40.830	ng	98
11) bis(2-Chloroethyl)ether	7.367	93	139358	40.071	ng	96
12) 1,3-Dichlorobenzene	7.831	146	147489	39.290	ng	97
13) 1,4-Dichlorobenzene	7.978	146	149514	38.906	ng	96
14) 1,2-Dichlorobenzene	8.295	146	147894	39.576	ng	96
15) Benzyl Alcohol	8.177	79	146212	37.992	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.471	45	327522m	38.968	ng	
17) 2-Methylphenol	8.383	107	138294	39.036	ng	95
18) Hexachloroethane	9.024	117	53078	38.896	ng	98
19) n-Nitroso-di-n-propyla...	8.747	70	129698	38.060	ng	98
20) 3+4-Methylphenols	8.706	107	191733	39.011	ng	95
22) Acetophenone	8.759	105	245409	38.852	ng	99
24) Nitrobenzene	9.141	77	181790	37.912	ng	99
25) Isophorone	9.664	82	336182	37.286	ng	99
26) 2-Nitrophenol	9.846	139	81853	40.633	ng	98
27) 2,4-Dimethylphenol	9.911	122	134257	37.827	ng	99
28) bis(2-Chloroethoxy)met...	10.146	93	196082	38.676	ng	99
29) 2,4-Dichlorophenol	10.387	162	142109	36.904	ng	97
30) 1,2,4-Trichlorobenzene	10.598	180	158534	38.406	ng	95
31) Naphthalene	10.786	128	460454	38.384	ng	97
32) Benzoic acid	10.040	122	104732	36.454	ng	97
33) 4-Chloroaniline	10.892	127	210676	37.473	ng	95
34) Hexachlorobutadiene	11.080	225	115569	39.384	ng	97
35) Caprolactam	11.656	113	49981	35.178	ng	96
36) 4-Chloro-3-methylphenol	12.014	107	169227	36.360	ng	96
37) 2-Methylnaphthalene	12.396	142	342412	37.732	ng	100
38) 1-Methylnaphthalene	12.613	142	323889	37.806	ng	98
40) 1,2,4,5-Tetrachloroben...	12.760	216	215366	39.639	ng	98
41) Hexachlorocyclopentadiene	12.749	237	118722	42.734	ng	98
43) 2,4,6-Trichlorophenol	13.001	196	148911	39.414	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.072	196	177711	39.004	ng		99
46) 1,1'-Biphenyl	13.407	154	471094	39.351	ng		99
47) 2-Chloronaphthalene	13.448	162	365274	39.865	ng		99
48) 2-Nitroaniline	13.642	65	146361	38.926	ng		98
49) Acenaphthylene	14.294	152	608862	39.297	ng		100
50) Dimethylphthalate	14.029	163	526643	37.693	ng		99
51) 2,6-Dinitrotoluene	14.141	165	110926	38.953	ng		98
52) Acenaphthene	14.635	154	366192	38.970	ng		96
53) 3-Nitroaniline	14.470	138	117684	37.647	ng		98
54) 2,4-Dinitrophenol	14.676	184	62092	37.248	ng		98
55) Dibenzofuran	14.969	168	601539	37.896	ng		99
56) 4-Nitrophenol	14.776	139	90350	37.750	ng		100
57) 2,4-Dinitrotoluene	14.928	165	157015	38.586	ng		96
58) Fluorene	15.622	166	483562	36.726	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.193	232	155934	37.254	ng		99
60) Diethylphthalate	15.398	149	509170	36.384	ng		99
61) 4-Chlorophenyl-phenyle...	15.616	204	269585	36.937	ng		98
62) 4-Nitroaniline	15.633	138	119214	35.469	ng		97
63) Azobenzene	15.910	77	485126	36.781	ng		98
65) 4,6-Dinitro-2-methylph...	15.692	198	94314	40.447	ng		97
66) n-Nitrosodiphenylamine	15.827	169	454684	39.629	ng		98
67) 4-Bromophenyl-phenylether	16.509	248	185429	39.604	ng		98
68) Hexachlorobenzene	16.626	284	198241	38.911	ng		99
69) Atrazine	16.779	200	160912	39.023	ng		96
70) Pentachlorophenol	16.967	266	141713	41.072	ng		99
71) Phenanthrene	17.361	178	818171	38.674	ng		99
72) Anthracene	17.449	178	841973	38.745	ng		98
73) Carbazole	17.719	167	714220	37.723	ng		99
74) Di-n-butylphthalate	18.289	149	869004	38.124	ng		99
75) Fluoranthene	19.370	202	1008375	37.447	ng		99
77) Benzidine	19.552	184	396873	45.567	ng		99
78) Pyrene	19.735	202	1045402	38.594	ng		100
80) Butylbenzylphthalate	20.633	149	387291	38.927	ng		97
81) Benzo(a)anthracene	21.556	228	1081163	38.775	ng		100
82) 3,3'-Dichlorobenzidine	21.474	252	376852	37.953	ng		98
83) Chrysene	21.621	228	1021942	38.386	ng		100
84) Bis(2-ethylhexyl)phtha...	21.491	149	571573	38.852	ng		97
85) Di-n-octyl phthalate	22.678	149	970429	38.229	ng		100
87) Indeno(1,2,3-cd)pyrene	28.242	276	1235553	38.072	ng	#	96
88) Benzo(b)fluoranthene	23.712	252	1006614	37.910	ng		100
89) Benzo(k)fluoranthene	23.783	252	1052462	38.745	ng		98
90) Benzo(a)pyrene	24.552	252	998295	38.133	ng		98
91) Dibenzo(a,h)anthracene	28.313	278	1033281	38.680	ng		98
92) Benzo(g,h,i)perylene	29.347	276	1012318	38.762	ng		99

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

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