Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030724\
Data File : BG060588.D
Acq On : 7 Mar 2024 14:09
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 08 03:28:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 08 03:18:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.326	152	86076	20.000	ng		0.00
21) Naphthalene-d8	11.175	136	370766	20.000	ng		0.00
39) Acenaphthene-d10	14.953	164	261570	20.000	ng		0.00
64) Phenanthrene-d10	17.703	188	549714	20.000	ng		0.00
76) Chrysene-d12	22.021	240	473368	20.000	ng		0.00
86) Perylene-d12	25.582	264	537711	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.811	112	413809	79.675	ng		0.00
7) Phenol-d6	7.438	99	648399	82.686	ng		0.00
23) Nitrobenzene-d5	9.530	82	568693	87.889	ng		0.00
42) 2,4,6-Tribromophenol	16.434	330	261059	81.982	ng		0.00
45) 2-Fluorobiphenyl	13.578	172	1518334	79.297	ng		0.00
79) Terphenyl-d14	20.282	244	2179770	81.329	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.655	88	91264	40.205	ng		100
3) Pyridine	4.072	79	286967	41.206	ng		100
4) n-Nitrosodimethylamine	3.995	42	145454	41.240	ng		100
6) Aniline	7.650	93	401248	41.325	ng		100
8) 2-Chlorophenol	7.873	128	247126	42.054	ng		100
9) Benzaldehyde	7.474	77	187324	42.167	ng		100
10) Phenol	7.468	94	325145	42.080	ng		100
11) bis(2-Chloroethyl)ether	7.744	93	255823	41.002	ng		100
12) 1,3-Dichlorobenzene	8.208	146	260587	40.205	ng		100
13) 1,4-Dichlorobenzene	8.367	146	267171	40.721	ng		100
14) 1,2-Dichlorobenzene	8.684	146	261880	40.972	ng		100
15) Benzyl Alcohol	8.567	79	262436	42.247	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.849	45	516118	41.898	ng		100
17) 2-Methylphenol	8.743	107	253106	41.923	ng		100
18) Hexachloroethane	9.413	117	90985	41.114	ng		100
19) n-Nitroso-di-n-propyla...	9.136	70	231609	42.242	ng		100
20) 3+4-Methylphenols	9.078	107	341584	42.305	ng		100
22) Acetophenone	9.172	105	433584	41.319	ng	#	100
24) Nitrobenzene	9.571	77	291093	43.991	ng		100
25) Isophorone	10.077	82	599498	41.584	ng		100
26) 2-Nitrophenol	10.276	139	97454	39.538	ng		100
27) 2,4-Dimethylphenol	10.300	122	255770	40.309	ng		100
28) bis(2-Chloroethoxy)met...	10.564	93	346979	41.506	ng		100
29) 2,4-Dichlorophenol	10.793	162	233749	41.976	ng		100
30) 1,2,4-Trichlorobenzene	11.017	180	240561	40.370	ng		100
31) Naphthalene	11.228	128	866619	41.601	ng		100
32) Benzoic acid	10.406	122	137241	39.274	ng		100
33) 4-Chloroaniline	11.340	127	374639	41.463	ng		100
34) Hexachlorobutadiene	11.457	225	172498	41.628	ng		100
35) Caprolactam	12.133	113	81392	39.749	ng		100
36) 4-Chloro-3-methylphenol	12.403	107	300426	42.017	ng		100
37) 2-Methylnaphthalene	12.803	142	603293	41.206	ng		100
38) 1-Methylnaphthalene	13.020	142	569362	40.923	ng		100
40) 1,2,4,5-Tetrachloroben...	13.144	216	314482	40.470	ng		100
41) Hexachlorocyclopentadiene	13.097	237	152649	41.815	ng		100
43) 2,4,6-Trichlorophenol	13.384	196	205617	41.015	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.449	196	243036	40.962	ng	100
46) 1,1'-Biphenyl	13.790	154	777634	39.943	ng	100
47) 2-Chloronaphthalene	13.843	162	593877	40.594	ng	100
48) 2-Nitroaniline	14.054	65	179645	37.992	ng	100
49) Acenaphthylene	14.683	152	981187	40.224	ng	100
50) Dimethylphthalate	14.401	163	788941	40.111	ng	100
51) 2,6-Dinitrotoluene	14.536	165	132636	38.719	ng	100
52) Acenaphthene	15.018	154	588740	40.248	ng	100
53) 3-Nitroaniline	14.877	138	152723	38.283	ng	100
54) 2,4-Dinitrophenol	15.065	184	51044	37.141	ng	100
55) Dibenzofuran	15.353	168	953162	40.155	ng	100
56) 4-Nitrophenol	15.129	139	117242	40.079	ng	100
57) 2,4-Dinitrotoluene	15.312	165	163954	38.571	ng	100
58) Fluorene	15.999	166	768005	39.976	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.552	232	204449m	41.087	ng	
60) Diethylphthalate	15.746	149	815304	39.464	ng	100
61) 4-Chlorophenyl-phenyle...	15.981	204	381827	39.697	ng	100
62) 4-Nitroaniline	16.034	138	165949	39.040	ng	100
63) Azobenzene	16.275	77	840981	39.793	ng	100
65) 4,6-Dinitro-2-methylph...	16.058	198	73872	36.814	ng	100
66) n-Nitrosodiphenylamine	16.199	169	692034	40.364	ng	100
67) 4-Bromophenyl-phenylether	16.880	248	245673	40.065	ng	100
68) Hexachlorobenzene	16.963	284	271563	40.269	ng	100
69) Atrazine	17.133	200	236116	39.732	ng	100
70) Pentachlorophenol	17.315	266	179418	41.168	ng	100
71) Phenanthrene	17.744	178	1191359	40.260	ng	100
72) Anthracene	17.838	178	1218770	40.309	ng	100
73) Carbazole	18.108	167	1058660	40.201	ng	100
74) Di-n-butylphthalate	18.625	149	1329720	40.461	ng	100
75) Fluoranthene	19.736	202	1318042	38.878	ng	100
77) Benzidine	19.924	184	516905	43.223	ng	100
78) Pyrene	20.100	202	1367299	41.117	ng	100
80) Butylbenzylphthalate	20.964	149	548702	42.985	ng	100
81) Benzo(a)anthracene	22.004	228	1329449	40.427	ng	100
82) 3,3'-Dichlorobenzidine	21.916	252	465165	41.447	ng	100
83) Chrysene	22.074	228	1288007	40.236	ng	100
84) Bis(2-ethylhexyl)phtha...	21.851	149	792709	42.036	ng	100
85) Di-n-octyl phthalate	23.185	149	1345877	42.800	ng	100
87) Indeno(1,2,3-cd)pyrene	29.712	276	1497919m	40.709	ng	
88) Benzo(b)fluoranthene	24.424	252	1233742	41.251	ng	100
89) Benzo(k)fluoranthene	24.513	252	1263856	40.227	ng	100
90) Benzo(a)pyrene	25.412	252	1213005	41.111	ng	100
91) Dibenzo(a,h)anthracene	29.806	278	1276430	41.224	ng	100
92) Benzo(g,h,i)perylene	31.023	276	1235969	40.933	ng	100

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

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