Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
Data File : BM042492.D
Acq On : 30 Oct 2023 13:29
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 30 19:05:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 16:44:27 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	82914	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	337305	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	205506	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	452070	20.000	ng	0.00
76) Chrysene-d12	21.509	240	441056	20.000	ng	0.00
86) Perylene-d12	23.933	264	444423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	411261	80.050	ng	0.00
7) Phenol-d6	7.098	99	569557	80.835	ng	0.00
23) Nitrobenzene-d5	9.134	82	610771	84.410	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	223368	83.251	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1263813	82.751	ng	0.00
79) Terphenyl-d14	19.945	244	2235748	85.952	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	97082	39.651	ng	100
3) Pyridine	3.758	79	278776	40.451	ng	100
4) n-Nitrosodimethylamine	3.675	42	134655	39.838	ng	100
6) Aniline	7.275	93	362791	40.507	ng	100
8) 2-Chlorophenol	7.487	128	220490	39.802	ng	100
9) Benzaldehyde	7.093	77	158223	38.963	ng	100
10) Phenol	7.128	94	285693	39.924	ng	100
11) bis(2-Chloroethyl)ether	7.369	93	238700	39.430	ng	100
12) 1,3-Dichlorobenzene	7.804	146	235640	39.358	ng	100
13) 1,4-Dichlorobenzene	7.963	146	236854	39.090	ng	100
14) 1,2-Dichlorobenzene	8.275	146	229411	39.215	ng	100
15) Benzyl Alcohol	8.198	79	208283m	41.755	ng	
16) 2,2'-oxybis(1-Chloropr...	8.445	45	379020	39.181	ng	100
17) 2-Methylphenol	8.381	107	204262	40.313	ng	100
18) Hexachloroethane	8.992	117	93625	39.490	ng	100
19) n-Nitroso-di-n-propyla...	8.757	70	206514	41.432	ng	100
20) 3+4-Methylphenols	8.716	107	278725	41.145	ng	100
22) Acetophenone	8.787	105	353877	41.598	ng	100
24) Nitrobenzene	9.175	77	299707	42.053	ng	100
25) Isophorone	9.698	82	542966	42.396	ng	100
26) 2-Nitrophenol	9.875	139	117921	39.575	ng	100
27) 2,4-Dimethylphenol	9.922	122	207213	41.954	ng	100
28) bis(2-Chloroethoxy)met...	10.175	93	324565	42.065	ng	100
29) 2,4-Dichlorophenol	10.398	162	208810	43.073	ng	100
30) 1,2,4-Trichlorobenzene	10.598	180	220472	41.498	ng	100
31) Naphthalene	10.798	128	725177	41.612	ng	100
32) Benzoic acid	10.075	122	155295	39.744	ng	100
33) 4-Chloroaniline	10.945	127	300632	44.243	ng	100
34) Hexachlorobutadiene	11.022	225	132129	40.962	ng	100
35) Caprolactam	11.804	113	72539	42.588	ng	100
36) 4-Chloro-3-methylphenol	12.045	107	238042	43.146	ng	100
37) 2-Methylnaphthalene	12.404	142	516468	42.081	ng	100
38) 1-Methylnaphthalene	12.628	142	483449	41.849	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	252979	41.206	ng	100
41) Hexachlorocyclopentadiene	12.698	237	130049	38.223	ng	100
43) 2,4,6-Trichlorophenol	13.016	196	167785	42.668	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	199456	42.625	ng	100
46) 1,1'-Biphenyl	13.416	154	658611	41.925	ng	100
47) 2-Chloronaphthalene	13.463	162	483631	41.966	ng	100
48) 2-Nitroaniline	13.704	65	182545	40.063	ng	100
49) Acenaphthylene	14.310	152	812734	42.582	ng	100
50) Dimethylphthalate	14.051	163	653073	42.519	ng	100
51) 2,6-Dinitrotoluene	14.192	165	137337	43.385	ng	100
52) Acenaphthene	14.645	154	486460	41.996	ng	100
53) 3-Nitroaniline	14.533	138	137877	39.670	ng	100
54) 2,4-Dinitrophenol	14.733	184	79958	39.896	ng	100
55) Dibenzofuran	14.980	168	792675	42.089	ng	100
56) 4-Nitrophenol	14.833	139	102909	39.619	ng	100
57) 2,4-Dinitrotoluene	14.974	165	187301	39.786	ng	100
58) Fluorene	15.627	166	649551	42.627	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	168340	42.712	ng	100
60) Diethylphthalate	15.398	149	669494	43.024	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	325882	42.332	ng	100
62) 4-Nitroaniline	15.698	138	121425	39.456	ng	100
63) Azobenzene	15.910	77	752396	43.877	ng	100
65) 4,6-Dinitro-2-methylph...	15.721	198	114363	40.403	ng	100
66) n-Nitrosodiphenylamine	15.845	169	547611	42.961	ng	100
67) 4-Bromophenyl-phenylether	16.516	248	193873	42.888	ng	100
68) Hexachlorobenzene	16.592	284	212167	42.426	ng	100
69) Atrazine	16.798	200	156747	42.557	ng	100
70) Pentachlorophenol	16.963	266	153354	41.711	ng	100
71) Phenanthrene	17.374	178	1009337	42.724	ng	100
72) Anthracene	17.463	178	1024120	43.766	ng	100
73) Carbazole	17.751	167	881263	46.294	ng	100
74) Di-n-butylphthalate	18.274	149	1177074	44.031	ng	100
75) Fluoranthene	19.386	202	1201255	43.286	ng	100
77) Benzidine	19.604	184	173318	41.018	ng	100
78) Pyrene	19.751	202	1267079	41.837	ng	100
80) Butylbenzylphthalate	20.633	149	559384	43.245	ng	100
81) Benzo(a)anthracene	21.492	228	1163656	41.467	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	386097	43.291	ng	100
83) Chrysene	21.551	228	1176079	41.258	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	823189	42.109	ng	100
85) Di-n-octyl phthalate	22.309	149	1391195	41.344	ng	100
87) Indeno(1,2,3-cd)pyrene	26.468	276	1105115	41.780	ng	100
88) Benzo(b)fluoranthene	23.186	252	1033421	41.738	ng	100
89) Benzo(k)fluoranthene	23.233	252	1099938	39.867	ng	100
90) Benzo(a)pyrene	23.821	252	1014128	41.603	ng	100
91) Dibenzo(a,h)anthracene	26.480	278	920625	38.589	ng	100
92) Benzo(g,h,i)perylene	27.256	276	946345	40.593	ng	100

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

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