Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
Data File : BM042494.D
Acq On : 30 Oct 2023 14:41
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 30 16:43:06 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 16:41:16 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

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	82025	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	348223	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	213160	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	473583	20.000	ng	0.00
76) Chrysene-d12	21.509	240	438993	20.000	ng	0.00
86) Perylene-d12	23.927	264	429658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	626579	123.282	ng	0.00
7) Phenol-d6	7.098	99	871146	124.978	ng	0.00
23) Nitrobenzene-d5	9.134	82	950991	127.309	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	355841	127.863	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	1964441	124.008	ng	0.00
79) Terphenyl-d14	19.945	244	3444933	133.060	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	146204	60.361	ng	98
3) Pyridine	3.757	79	420603m	61.692	ng	
4) n-Nitrosodimethylamine	3.675	42	206811	61.849	ng	98
6) Aniline	7.275	93	551096	62.199	ng	98
8) 2-Chlorophenol	7.487	128	337376	61.561	ng	99
9) Benzaldehyde	7.093	77	215881	53.738	ng	99
10) Phenol	7.128	94	436365	61.640	ng	99
11) bis(2-Chloroethyl)ether	7.375	93	366475	61.192	ng	99
12) 1,3-Dichlorobenzene	7.804	146	361174	60.979	ng	99
13) 1,4-Dichlorobenzene	7.963	146	361776	60.353	ng	98
14) 1,2-Dichlorobenzene	8.275	146	352757	60.954	ng	98
15) Benzyl Alcohol	8.198	79	326869m	66.238	ng	
16) 2,2'-oxybis(1-Chloropr...	8.463	45	578042m	60.402	ng	
17) 2-Methylphenol	8.381	107	315891	63.020	ng	98
18) Hexachloroethane	8.992	117	146719	62.555	ng	97
19) n-Nitroso-di-n-propyla...	8.757	70	319983	64.893	ng	99
20) 3+4-Methylphenols	8.722	107	430868	64.293	ng	97
22) Acetophenone	8.787	105	545626	62.128	ng	99
24) Nitrobenzene	9.175	77	461450	62.718	ng	99
25) Isophorone	9.698	82	835354	63.181	ng	100
26) 2-Nitrophenol	9.875	139	188178	59.254	ng	97
27) 2,4-Dimethylphenol	9.922	122	319132	62.589	ng	100
28) bis(2-Chloroethoxy)met...	10.175	93	495129	62.159	ng	100
29) 2,4-Dichlorophenol	10.398	162	321330	64.205	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	337831	61.594	ng	97
31) Naphthalene	10.798	128	1107131	61.538	ng	100
32) Benzoic acid	10.098	122	259323	61.748	ng	95
33) 4-Chloroaniline	10.945	127	458840	65.408	ng	99
34) Hexachlorobutadiene	11.022	225	209773	62.994	ng	99
35) Caprolactam	11.816	113	113201	64.376	ng	99
36) 4-Chloro-3-methylphenol	12.051	107	368794	64.749	ng	99
37) 2-Methylnaphthalene	12.404	142	785358	61.983	ng	98
38) 1-Methylnaphthalene	12.627	142	737178	61.812	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	398074	62.511	ng	100
41) Hexachlorocyclopentadiene	12.698	237	219952	59.362	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	264266	64.791	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	309123	63.689	ng	98
46) 1,1'-Biphenyl	13.416	154	1002017	61.495	ng	99
47) 2-Chloronaphthalene	13.463	162	733896	61.395	ng	99
48) 2-Nitroaniline	13.704	65	287263	58.531	ng	100
49) Acenaphthylene	14.310	152	1234401	62.353	ng	99
50) Dimethylphthalate	14.057	163	986404	61.914	ng	100
51) 2,6-Dinitrotoluene	14.198	165	212562	64.737	ng	96
52) Acenaphthene	14.645	154	740570	61.638	ng	100
53) 3-Nitroaniline	14.539	138	222514	59.304	ng	98
54) 2,4-Dinitrophenol	14.733	184	132099	58.953	ng	97
55) Dibenzofuran	14.980	168	1211041	61.994	ng	100
56) 4-Nitrophenol	14.833	139	170752	59.208	ng	99
57) 2,4-Dinitrotoluene	14.974	165	295373	58.423	ng	98
58) Fluorene	15.627	166	989651	62.614	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	261791	64.037	ng	99
60) Diethylphthalate	15.398	149	1013932	62.819	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	508056	63.626	ng	99
62) 4-Nitroaniline	15.698	138	200965	59.539	ng	99
63) Azobenzene	15.916	77	1138240	63.995	ng	99
65) 4,6-Dinitro-2-methylph...	15.721	198	183333	58.732	ng	96
66) n-Nitrosodiphenylamine	15.845	169	832955	62.378	ng	98
67) 4-Bromophenyl-phenylether	16.515	248	299656	63.278	ng	99
68) Hexachlorobenzene	16.598	284	327080	62.433	ng	95
69) Atrazine	16.798	200	237641	61.589	ng	98
70) Pentachlorophenol	16.962	266	248976	64.644	ng	99
71) Phenanthrene	17.374	178	1530157	61.827	ng	100
72) Anthracene	17.462	178	1552999	63.352	ng	99
73) Carbazole	17.751	167	1343142	67.351	ng	100
74) Di-n-butylphthalate	18.274	149	1806184	64.496	ng	99
75) Fluoranthene	19.386	202	1864498	64.134	ng	99
77) Benzidine	19.598	184	259019	61.589	ng	99
78) Pyrene	19.751	202	1970859	65.381	ng	99
80) Butylbenzylphthalate	20.633	149	836477	64.971	ng	98
81) Benzo(a)anthracene	21.492	228	1791487	64.140	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	568201	64.009	ng	98
83) Chrysene	21.550	228	1728373	60.918	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	1228507	63.137	ng	100
85) Di-n-octyl phthalate	22.309	149	2064655	61.647	ng	100
87) Indeno(1,2,3-cd)pyrene	26.474	276	1711522	66.929	ng	98
88) Benzo(b)fluoranthene	23.186	252	1587809	66.332	ng	99
89) Benzo(k)fluoranthene	23.233	252	1691328	63.409	ng	99
90) Benzo(a)pyrene	23.827	252	1549171	65.736	ng	98
91) Dibenzo(a,h)anthracene	26.485	278	1399905	58.325	ng	97
92) Benzo(g,h,i)perylene	27.262	276	1477311	65.547	ng	99

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

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