Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051424\
Data File : BM045731.D
Acq On : 14 May 2024 14:47
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 01:34:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 01:27:35 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	81055	20.000	ng	0.00
21) Naphthalene-d8	10.345	136	365602	20.000	ng	0.00
39) Acenaphthene-d10	14.210	164	275912	20.000	ng	0.00
64) Phenanthrene-d10	16.951	188	693044	20.000	ng	0.00
76) Chrysene-d12	21.174	240	468423	20.000	ng	0.00
86) Perylene-d12	23.974	264	433843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	375886	74.655	ng	0.00
7) Phenol-d6	6.851	99	463173	76.739	ng	0.00
23) Nitrobenzene-d5	8.745	82	665033	77.181	ng	0.00
42) 2,4,6-Tribromophenol	15.710	330	312585	77.304	ng	0.00
45) 2-Fluorobiphenyl	12.833	172	1534335	75.464	ng	0.00
79) Terphenyl-d14	19.592	244	3448411	75.997	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	58866	37.936	ng	100
3) Pyridine	3.628	79	228384m	41.396	ng	
4) n-Nitrosodimethylamine	3.516	42	130989	39.232	ng	100
6) Aniline	6.957	93	193657	37.918	ng	100
8) 2-Chlorophenol	7.181	128	175196	37.821	ng	100
9) Benzaldehyde	6.757	77	160763	36.577	ng	100
10) Phenol	6.881	94	212999	37.467	ng	100
11) bis(2-Chloroethyl)ether	7.034	93	182669	37.967	ng	100
12) 1,3-Dichlorobenzene	7.463	146	229049	38.308	ng	100
13) 1,4-Dichlorobenzene	7.610	146	234386	38.361	ng	100
14) 1,2-Dichlorobenzene	7.928	146	212653	38.034	ng	100
15) Benzyl Alcohol	7.869	79	217283	38.953	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.122	45	184232	37.986	ng	100
17) 2-Methylphenol	8.092	107	154018	38.741	ng	100
18) Hexachloroethane	8.639	117	107259	39.328	ng	100
19) n-Nitroso-di-n-propyla...	8.416	70	183661	39.706	ng	100
20) 3+4-Methylphenols	8.422	107	221228	38.326	ng	100
22) Acetophenone	8.416	105	337277	37.061	ng	100
24) Nitrobenzene	8.786	77	314088	37.933	ng	100
25) Isophorone	9.328	82	471307	38.777	ng	100
26) 2-Nitrophenol	9.486	139	107936	38.697	ng	100
27) 2,4-Dimethylphenol	9.598	122	133868	38.536	ng	100
28) bis(2-Chloroethoxy)met...	9.792	93	258278	37.662	ng	100
29) 2,4-Dichlorophenol	10.039	162	195564	39.164	ng	100
30) 1,2,4-Trichlorobenzene	10.204	180	232521	38.378	ng	100
31) Naphthalene	10.392	128	709017	38.745	ng	100
32) Benzoic acid	9.833	122	132623	39.487	ng	100
33) 4-Chloroaniline	10.563	127	256760	38.881	ng	100
34) Hexachlorobutadiene	10.686	225	151963	38.065	ng	100
35) Caprolactam	11.445	113	62628m	39.205	ng	
36) 4-Chloro-3-methylphenol	11.722	107	249375	39.911	ng	100
37) 2-Methylnaphthalene	12.010	142	529241	39.270	ng	100
38) 1-Methylnaphthalene	12.233	142	520096	39.319	ng	100
40) 1,2,4,5-Tetrachloroben...	12.374	216	271720	36.875	ng	100
41) Hexachlorocyclopentadiene	12.369	237	121551	37.411	ng	100
43) 2,4,6-Trichlorophenol	12.657	196	185312	38.727	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.745	196	207728	38.472	ng	100
46) 1,1'-Biphenyl	13.039	154	744271	38.203	ng	100
47) 2-Chloronaphthalene	13.074	162	575521	38.108	ng	100
48) 2-Nitroaniline	13.327	65	210245	39.537	ng	100
49) Acenaphthylene	13.933	152	948448	39.539	ng	100
50) Dimethylphthalate	13.710	163	780601	38.602	ng	100
51) 2,6-Dinitrotoluene	13.816	165	174070	39.428	ng	100
52) Acenaphthene	14.274	154	578765	39.285	ng	100
53) 3-Nitroaniline	14.174	138	171976	39.683	ng	100
54) 2,4-Dinitrophenol	14.351	184	96070	37.880	ng	100
55) Dibenzofuran	14.615	168	998583	39.741	ng	100
56) 4-Nitrophenol	14.551	139	156460	42.136	ng	100
57) 2,4-Dinitrotoluene	14.604	165	273736	40.177	ng	100
58) Fluorene	15.262	166	908021	39.909	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.863	232	207137	40.303	ng	100
60) Diethylphthalate	15.074	149	943945	39.900	ng	100
61) 4-Chlorophenyl-phenyle...	15.262	204	444927	39.661	ng	100
62) 4-Nitroaniline	15.345	138	196419	41.730	ng	100
63) Azobenzene	15.557	77	955254	39.849	ng	100
65) 4,6-Dinitro-2-methylph...	15.362	198	151956	38.520	ng	100
66) n-Nitrosodiphenylamine	15.492	169	693311	39.471	ng	100
67) 4-Bromophenyl-phenylether	16.157	248	258539	38.360	ng	100
68) Hexachlorobenzene	16.257	284	316167	38.538	ng	100
69) Atrazine	16.462	200	223975	40.011	ng	100
70) Pentachlorophenol	16.627	266	211276	40.940	ng	100
71) Phenanthrene	16.998	178	1389601	39.639	ng	100
72) Anthracene	17.086	178	1329747	39.602	ng	100
73) Carbazole	17.380	167	1297836	39.907	ng	100
74) Di-n-butylphthalate	17.945	149	1697236	39.855	ng	100
75) Fluoranthene	19.015	202	1727422	39.402	ng	100
77) Benzidine	19.233	184	472214	43.992	ng	100
78) Pyrene	19.374	202	1716827	40.560	ng	100
80) Butylbenzylphthalate	20.303	149	727181	39.276	ng	100
81) Benzo(a)anthracene	21.156	228	1242436	38.943	ng	100
82) 3,3'-Dichlorobenzidine	21.103	252	505539	38.663	ng	100
83) Chrysene	21.215	228	1137083	38.630	ng	100
84) Bis(2-ethylhexyl)phtha...	21.103	149	1026891	38.360	ng	100
85) Di-n-octyl phthalate	22.162	149	1263547	37.375	ng	100
87) Indeno(1,2,3-cd)pyrene	27.085	276	1001078	39.055	ng	100
88) Benzo(b)fluoranthene	23.097	252	1223055	39.517	ng	100
89) Benzo(k)fluoranthene	23.156	252	1058156	37.839	ng	100
90) Benzo(a)pyrene	23.838	252	953052	38.377	ng	100
91) Dibenzo(a,h)anthracene	27.138	278	804622	38.350	ng	100
92) Benzo(g,h,i)perylene	28.056	276	905048	39.380	ng	100

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

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