Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012624\
Data File : BM043912.D
Acq On : 26 Jan 2024 13:40
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 27 04:22:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 04:17:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	346188	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1458072	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	849509	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1666700	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1394250	20.000	ng	0.00
86) Perylene-d12	23.927	264	1545683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1811230	79.335	ng	0.00
7) Phenol-d6	7.087	99	2473944	80.868	ng	0.00
23) Nitrobenzene-d5	9.092	82	2418327	80.719	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	820552	81.526	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	5322564	79.463	ng	0.00
79) Terphenyl-d14	19.962	244	7494452	86.171	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	367821	37.931	ng	100
3) Pyridine	3.787	79	1023982m	38.706	ng	
4) n-Nitrosodimethylamine	3.710	42	501101	40.437	ng	100
6) Aniline	7.251	93	1193646	40.076	ng	100
8) 2-Chlorophenol	7.481	128	959182	40.382	ng	100
9) Benzaldehyde	7.069	77	647185	38.323	ng	100
10) Phenol	7.116	94	1208977	40.159	ng	100
11) bis(2-Chloroethyl)ether	7.357	93	1020255	39.974	ng	100
12) 1,3-Dichlorobenzene	7.810	146	1102677	39.234	ng	100
13) 1,4-Dichlorobenzene	7.957	146	1112749	39.125	ng	100
14) 1,2-Dichlorobenzene	8.269	146	1072318	39.250	ng	100
15) Benzyl Alcohol	8.169	79	835965	41.650	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1526793	40.107	ng	100
17) 2-Methylphenol	8.369	107	789028	41.024	ng	100
18) Hexachloroethane	8.998	117	426555	39.884	ng	100
19) n-Nitroso-di-n-propyla...	8.739	70	861733	41.926	ng	100
20) 3+4-Methylphenols	8.698	107	1072027	41.314	ng	100
22) Acetophenone	8.751	105	1535717	39.308	ng	100
24) Nitrobenzene	9.134	77	1197951	39.612	ng	100
25) Isophorone	9.657	82	2291378	41.085	ng	100
26) 2-Nitrophenol	9.845	139	377567	36.195	ng	100
27) 2,4-Dimethylphenol	9.904	122	654365	41.387	ng	100
28) bis(2-Chloroethoxy)met...	10.151	93	1385884	40.422	ng	100
29) 2,4-Dichlorophenol	10.375	162	847156	42.101	ng	100
30) 1,2,4-Trichlorobenzene	10.586	180	1005259	39.460	ng	100
31) Naphthalene	10.781	128	3217621	39.526	ng	100
32) Benzoic acid	10.039	122	387197	38.299	ng	100
33) 4-Chloroaniline	10.892	127	1229736	40.327	ng	100
34) Hexachlorobutadiene	11.051	225	590295	39.606	ng	100
35) Caprolactam	11.680	113	278609	41.415	ng	100
36) 4-Chloro-3-methylphenol	12.016	107	940563	42.355	ng	100
37) 2-Methylnaphthalene	12.392	142	2223220	40.163	ng	100
38) 1-Methylnaphthalene	12.610	142	2184511	40.147	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1047846	39.368	ng	100
41) Hexachlorocyclopentadiene	12.727	237	332450	39.459	ng	100
43) 2,4,6-Trichlorophenol	12.998	196	640180	37.975	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	719497	42.345	ng	100
46) 1,1'-Biphenyl	13.404	154	2771992	39.457	ng	100
47) 2-Chloronaphthalene	13.445	162	2179262	39.328	ng	100
48) 2-Nitroaniline	13.651	65	600563	38.299	ng	100
49) Acenaphthylene	14.286	152	3231002	39.706	ng	100
50) Dimethylphthalate	14.039	163	2518636	40.280	ng	100
51) 2,6-Dinitrotoluene	14.157	165	532363	42.687	ng	100
52) Acenaphthene	14.633	154	2050384	39.632	ng	100
53) 3-Nitroaniline	14.480	138	567819	42.563	ng	100
54) 2,4-Dinitrophenol	14.686	184	135907	38.338	ng	100
55) Dibenzofuran	14.969	168	3102837	39.400	ng	100
56) 4-Nitrophenol	14.780	139	432746	40.458	ng	100
57) 2,4-Dinitrotoluene	14.939	165	688727	38.313	ng	100
58) Fluorene	15.616	166	2655554	40.158	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	577497	38.486	ng	100
60) Diethylphthalate	15.404	149	2638492	40.909	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	1306172	40.067	ng	100
62) 4-Nitroaniline	15.645	138	584206	42.110	ng	100
63) Azobenzene	15.910	77	2814348	40.037	ng	100
65) 4,6-Dinitro-2-methylph...	15.698	198	222567	39.092	ng	100
66) n-Nitrosodiphenylamine	15.833	169	2153582	40.703	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	769270	40.558	ng	100
68) Hexachlorobenzene	16.610	284	880461	39.865	ng	100
69) Atrazine	16.792	200	592492	41.719	ng	100
70) Pentachlorophenol	16.962	266	484380	38.063	ng	100
71) Phenanthrene	17.362	178	3693234	39.808	ng	100
72) Anthracene	17.451	178	3674362	40.212	ng	100
73) Carbazole	17.727	167	3478961	39.937	ng	100
74) Di-n-butylphthalate	18.309	149	4445797	43.340	ng	100
75) Fluoranthene	19.380	202	4146958	39.423	ng	100
77) Benzidine	19.580	184	670808	38.891	ng	100
78) Pyrene	19.745	202	4340427	41.682	ng	100
80) Butylbenzylphthalate	20.668	149	1487793	37.567	ng	100
81) Benzo(a)anthracene	21.503	228	3929885	40.007	ng	100
82) 3,3'-Dichlorobenzidine	21.445	252	1194606	40.767	ng	100
83) Chrysene	21.556	228	3738224	39.894	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	2601457	38.555	ng	100
85) Di-n-octyl phthalate	22.409	149	3954653	37.887	ng	100
87) Indeno(1,2,3-cd)pyrene	26.444	276	4628802	40.521	ng	100
88) Benzo(b)fluoranthene	23.197	252	3885314	39.176	ng	100
89) Benzo(k)fluoranthene	23.250	252	3966147	40.495	ng	100
90) Benzo(a)pyrene	23.827	252	3451329	40.290	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	3837672	40.455	ng	100
92) Benzo(g,h,i)perylene	27.209	276	3766641	39.956	ng	100

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

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