Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051324\
Data File : BM045720.D
Acq On : 13 May 2024 19:17
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 14 02:28:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 02:21:04 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	107795	20.000	ng	0.00
21) Naphthalene-d8	10.351	136	535022	20.000	ng	0.00
39) Acenaphthene-d10	14.215	164	373093	20.000	ng	0.00
64) Phenanthrene-d10	16.962	188	870183	20.000	ng	0.00
76) Chrysene-d12	21.180	240	510096	20.000	ng	0.00
86) Perylene-d12	23.985	264	449575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	481172	76.603	ng	0.00
7) Phenol-d6	6.869	99	593300	77.458	ng	0.00
23) Nitrobenzene-d5	8.751	82	866715	74.402	ng	0.00
42) 2,4,6-Tribromophenol	15.721	330	408167	80.123	ng	0.00
45) 2-Fluorobiphenyl	12.839	172	2072658	76.569	ng	0.00
79) Terphenyl-d14	19.603	244	4135535	79.122	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	64167	37.475	ng	100
3) Pyridine	3.651	79	252754m	37.511	ng	
4) n-Nitrosodimethylamine	3.528	42	137381	38.696	ng	100
6) Aniline	6.969	93	242286	38.358	ng	100
8) 2-Chlorophenol	7.192	128	223868	38.605	ng	100
9) Benzaldehyde	6.763	77	211820	38.641	ng	100
10) Phenol	6.892	94	271627	38.045	ng	100
11) bis(2-Chloroethyl)ether	7.045	93	232647	36.592	ng	100
12) 1,3-Dichlorobenzene	7.475	146	307993	39.185	ng	100
13) 1,4-Dichlorobenzene	7.616	146	318875	39.433	ng	100
14) 1,2-Dichlorobenzene	7.933	146	277784	38.496	ng	100
15) Benzyl Alcohol	7.886	79	289412	40.948	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.128	45	234066m	37.338	ng	
17) 2-Methylphenol	8.104	107	198112	38.830	ng	100
18) Hexachloroethane	8.651	117	139591	40.115	ng	100
19) n-Nitroso-di-n-propyla...	8.428	70	235768	40.977	ng	100
20) 3+4-Methylphenols	8.439	107	286173	39.692	ng	100
22) Acetophenone	8.433	105	437451	36.292	ng	100
24) Nitrobenzene	8.792	77	413368	36.671	ng	100
25) Isophorone	9.351	82	617481	36.664	ng	100
26) 2-Nitrophenol	9.498	139	142909	37.337	ng	100
27) 2,4-Dimethylphenol	9.610	122	174868	36.367	ng	100
28) bis(2-Chloroethoxy)met...	9.804	93	361973	37.142	ng	100
29) 2,4-Dichlorophenol	10.051	162	272124	38.459	ng	100
30) 1,2,4-Trichlorobenzene	10.216	180	327963	38.303	ng	100
31) Naphthalene	10.404	128	1021595	38.594	ng	100
32) Benzoic acid	9.869	122	176794	37.464	ng	100
33) 4-Chloroaniline	10.574	127	375613	39.531	ng	100
34) Hexachlorobutadiene	10.686	225	208983	38.292	ng	100
35) Caprolactam	11.504	113	89123m	38.624	ng	
36) 4-Chloro-3-methylphenol	11.733	107	356586	41.052	ng	100
37) 2-Methylnaphthalene	12.016	142	756975	39.101	ng	100
38) 1-Methylnaphthalene	12.239	142	744500	39.055	ng	100
40) 1,2,4,5-Tetrachloroben...	12.386	216	376181	37.987	ng	100
41) Hexachlorocyclopentadiene	12.374	237	166368	38.317	ng	100
43) 2,4,6-Trichlorophenol	12.668	196	254943	39.247	ng	100

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44) 2,4,5-Trichlorophenol	12.757	196	285665	39.167	ng		100
46) 1,1'-Biphenyl	13.051	154	1018336	37.999	ng		100
47) 2-Chloronaphthalene	13.080	162	786890	37.960	ng		100
48) 2-Nitroaniline	13.339	65	272935	40.108	ng		100
49) Acenaphthylene	13.939	152	1256707	39.001	ng		100
50) Dimethylphthalate	13.721	163	1040489	38.265	ng		100
51) 2,6-Dinitrotoluene	13.821	165	230339	39.168	ng		100
52) Acenaphthene	14.280	154	790421	39.554	ng		100
53) 3-Nitroaniline	14.180	138	229702	39.740	ng		100
54) 2,4-Dinitrophenol	14.357	184	130106	38.279	ng		100
55) Dibenzofuran	14.621	168	1302846	39.306	ng		100
56) 4-Nitrophenol	14.562	139	205121	41.234	ng		100
57) 2,4-Dinitrotoluene	14.615	165	357214	40.095	ng		100
58) Fluorene	15.268	166	1175840	39.469	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.868	232	266649	39.824	ng		100
60) Diethylphthalate	15.086	149	1207662	39.064	ng		100
61) 4-Chlorophenyl-phenyle...	15.274	204	568975	39.383	ng		100
62) 4-Nitroaniline	15.357	138	257297	40.864	ng		100
63) Azobenzene	15.562	77	1195724	39.426	ng		100
65) 4,6-Dinitro-2-methylph...	15.368	198	191478	38.328	ng		100
66) n-Nitrosodiphenylamine	15.498	169	901567	39.930	ng		100
67) 4-Bromophenyl-phenylether	16.162	248	334083	38.763	ng		100
68) Hexachlorobenzene	16.262	284	401688	38.771	ng		100
69) Atrazine	16.480	200	290501	40.834	ng		100
70) Pentachlorophenol	16.639	266	268939	40.979	ng		100
71) Phenanthrene	17.003	178	1737739	39.605	ng		100
72) Anthracene	17.092	178	1695441	40.112	ng		100
73) Carbazole	17.392	167	1646133	40.155	ng		100
74) Di-n-butylphthalate	17.950	149	2141962	40.192	ng		100
75) Fluoranthene	19.021	202	2124413	39.789	ng		100
77) Benzidine	19.244	184	482496	43.379	ng		100
78) Pyrene	19.386	202	2106272	40.477	ng		100
80) Butylbenzylphthalate	20.309	149	901208	39.268	ng		100
81) Benzo(a)anthracene	21.162	228	1391115	39.850	ng		100
82) 3,3'-Dichlorobenzidine	21.109	252	579133	44.523	ng		100
83) Chrysene	21.221	228	1259931	39.357	ng		100
84) Bis(2-ethylhexyl)phtha...	21.109	149	1150880	39.065	ng		100
85) Di-n-octyl phthalate	22.174	149	1308150	37.179	ng		100
87) Indeno(1,2,3-cd)pyrene	27.103	276	1174623	41.520	ng	#	100
88) Benzo(b)fluoranthene	23.109	252	1156965	39.814	ng		100
89) Benzo(k)fluoranthene	23.168	252	1064279	39.982	ng		100
90) Benzo(a)pyrene	23.856	252	955582	37.910	ng		100
91) Dibenzo(a,h)anthracene	27.156	278	981578	41.180	ng		100
92) Benzo(g,h,i)perylene	28.079	276	995981	40.626	ng		100

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

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