Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
Data File : BM045711.D
Acq On : 08 May 2024 13:28
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 08 14:56:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM050824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 08 14:48:54 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :mohammad ahmed 05/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	695647	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	3154598	20.000	ng	0.00
39) Acenaphthene-d10	14.286	164	1925946	20.000	ng	0.00
64) Phenanthrene-d10	17.027	188	3929268	20.000	ng	0.00
76) Chrysene-d12	21.221	240	3424973	20.000	ng	0.00
86) Perylene-d12	23.421	264	3931513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	5108693	122.116	ng	0.00
7) Phenol-d6	6.822	99	6988008	123.193	ng	0.00
23) Nitrobenzene-d5	8.798	82	6882002	124.894	ng	0.00
42) 2,4,6-Tribromophenol	15.774	330	2470220	130.934	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	13758518	116.253	ng	0.00
79) Terphenyl-d14	19.668	244	15342331	113.544	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	935445	58.843	ng	100
3) Pyridine	3.604	79	2906399m	61.830	ng	
4) n-Nitrosodimethylamine	3.522	42	1491440	60.613	ng	96
6) Aniline	6.987	93	3488716	62.040	ng	98
8) 2-Chlorophenol	7.216	128	2815220	60.728	ng	99
9) Benzaldehyde	6.793	77	1531039	64.606	ng	99
10) Phenol	6.851	94	3494972	61.031	ng	99
11) bis(2-Chloroethyl)ether	7.087	93	2923601	60.235	ng	98
12) 1,3-Dichlorobenzene	7.540	146	3110032	59.760	ng	99
13) 1,4-Dichlorobenzene	7.681	146	3148843	59.748	ng	99
14) 1,2-Dichlorobenzene	7.998	146	2982929	59.177	ng	99
15) Benzyl Alcohol	7.887	79	2473144	61.604	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	4446850	59.416	ng	99
17) 2-Methylphenol	8.087	107	2354856	60.530	ng	99
18) Hexachloroethane	8.722	117	1240170	60.519	ng	100
19) n-Nitroso-di-n-propyla...	8.463	70	2313562	59.411	ng	99
20) 3+4-Methylphenols	8.416	107	3333296	61.350	ng	99
22) Acetophenone	8.463	105	4510538	60.055	ng	99
24) Nitrobenzene	8.839	77	3372554	61.488	ng	98
25) Isophorone	9.363	82	6633053	60.288	ng	99
26) 2-Nitrophenol	9.539	139	1432905	60.206	ng	99
27) 2,4-Dimethylphenol	9.610	122	2025244	60.873	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	4070219	60.567	ng	100
29) 2,4-Dichlorophenol	10.069	162	2625585	63.289	ng	98
30) 1,2,4-Trichlorobenzene	10.286	180	2863257	61.021	ng	100
31) Naphthalene	10.469	128	9590674	60.162	ng	100
32) Benzoic acid	9.775	122	1863011	60.915	ng	99
33) 4-Chloroaniline	10.581	127	3852336	60.895	ng	99
34) Hexachlorobutadiene	10.769	225	1629984	60.879	ng	100
35) Caprolactam	11.369	113	996501	63.628	ng	98
36) 4-Chloro-3-methylphenol	11.710	107	3087304	63.272	ng	99
37) 2-Methylnaphthalene	12.092	142	6600754	60.534	ng	100
38) 1-Methylnaphthalene	12.310	142	6532535	60.597	ng	98
40) 1,2,4,5-Tetrachloroben...	12.463	216	2927402	61.646	ng	100
41) Hexachlorocyclopentadiene	12.451	237	1075687	64.129	ng	100
43) 2,4,6-Trichlorophenol	12.704	196	2005080	65.310	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.774	196	2215211	64.866	ng		99
46) 1,1'-Biphenyl	13.122	154	8062355	60.363	ng		100
47) 2-Chloronaphthalene	13.151	162	6299192	60.219	ng		99
48) 2-Nitroaniline	13.351	65	1962339	60.576	ng		98
49) Acenaphthylene	14.004	152	9690111	60.652	ng		100
50) Dimethylphthalate	13.763	163	8024541	61.091	ng		100
51) 2,6-Dinitrotoluene	13.863	165	1760157	66.863	ng		96
52) Acenaphthene	14.351	154	6105758m	60.586	ng		
53) 3-Nitroaniline	14.186	138	1987740	67.373	ng		99
54) 2,4-Dinitrophenol	14.392	184	638848	61.617	ng		95
55) Dibenzofuran	14.686	168	9232068	60.343	ng		100
56) 4-Nitrophenol	14.498	139	1676616	60.687	ng		97
57) 2,4-Dinitrotoluene	14.651	165	2429116	60.685	ng		98
58) Fluorene	15.339	166	7889468	60.812	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.910	232	1819740	64.607	ng		99
60) Diethylphthalate	15.139	149	8701158	61.087	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	3712178	60.383	ng		97
62) 4-Nitroaniline	15.357	138	2121138	66.077	ng		99
63) Azobenzene	15.639	77	8303484	59.959	ng		98
65) 4,6-Dinitro-2-methylph...	15.415	198	1001180	61.553	ng		97
66) n-Nitrosodiphenylamine	15.557	169	6552019	60.924	ng		100
67) 4-Bromophenyl-phenylether	16.233	248	2311654	61.659	ng		99
68) Hexachlorobenzene	16.339	284	2668577	61.054	ng		98
69) Atrazine	16.515	200	1932623	59.256	ng		99
70) Pentachlorophenol	16.680	266	1793996	65.554	ng		99
71) Phenanthrene	17.074	178	11452179	61.624	ng		99
72) Anthracene	17.162	178	11390423	61.415	ng		99
73) Carbazole	17.433	167	11562868	61.335	ng		99
74) Di-n-butylphthalate	18.027	149	12971571	55.722	ng	#	93
75) Fluoranthene	19.086	202	12694336	58.509	ng		96
77) Benzidine	19.280	184	4323998	43.976	ng		99
78) Pyrene	19.451	202	12984730	58.912	ng	#	87
80) Butylbenzylphthalate	20.392	149	7002802	60.723	ng		93
81) Benzo(a)anthracene	21.203	228	12559561	58.630	ng		93
82) 3,3'-Dichlorobenzidine	21.145	252	4854882	60.812	ng		99
83) Chrysene	21.256	228	11567262	58.706	ng		95
84) Bis(2-ethylhexyl)phtha...	21.186	149	10072846	64.403	ng		92
85) Di-n-octyl phthalate	22.062	149	13818567	56.844	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.638	276	15220932	60.379	ng		100
88) Benzo(b)fluoranthene	22.768	252	14516338	63.039	ng		98
89) Benzo(k)fluoranthene	22.815	252	13429485	61.636	ng		98
90) Benzo(a)pyrene	23.327	252	12605939	62.328	ng		99
91) Dibenzo(a,h)anthracene	25.656	278	12644994	60.459	ng		100
92) Benzo(g,h,i)perylene	26.303	276	12070787	59.085	ng		100

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

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