Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043024\
Data File : BM045650.D
Acq On : 30 Apr 2024 17:41
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 01 06:26:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 06:17:41 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.522	152	19876	20.000	ng		0.00
21) Naphthalene-d8	10.287	136	78213	20.000	ng	#	0.00
39) Acenaphthene-d10	14.175	164	42656	20.000	ng		0.00
64) Phenanthrene-d10	16.939	188	85809	20.000	ng		0.00
76) Chrysene-d12	21.162	240	95329	20.000	ng		0.00
86) Perylene-d12	23.345	264	136559	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.152	112	139226	103.815	ng		0.00
7) Phenol-d6	6.716	99	165367	104.976	ng		0.00
23) Nitrobenzene-d5	8.687	82	170086	101.052	ng		0.00
42) 2,4,6-Tribromophenol	15.686	330	51404	105.000	ng		0.00
45) 2-Fluorobiphenyl	12.786	172	307365	98.253	ng		0.00
79) Terphenyl-d14	19.604	244	495188	108.745	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	26561	49.172	ng		100
3) Pyridine	3.558	79	59866	47.460	ng		94
4) n-Nitrosodimethylamine	3.481	42	43144	52.516	ng	#	91
6) Aniline	6.875	93	75823	52.236	ng		97
8) 2-Chlorophenol	7.087	128	66331	51.045	ng		92
9) Benzaldehyde	6.699	77	46187	47.589	ng		92
10) Phenol	6.740	94	83493	52.273	ng		99
11) bis(2-Chloroethyl)ether	6.975	93	59050	49.024	ng		98
12) 1,3-Dichlorobenzene	7.404	146	75185	49.554	ng		95
13) 1,4-Dichlorobenzene	7.557	146	76830	50.251	ng		96
14) 1,2-Dichlorobenzene	7.863	146	72693	49.594	ng		97
15) Benzyl Alcohol	7.781	79	52589	51.160	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.051	45	66569	49.897	ng		95
17) 2-Methylphenol	7.969	107	54186	52.357	ng		94
18) Hexachloroethane	8.563	117	32976	48.989	ng		94
19) n-Nitroso-di-n-propyla...	8.334	70	48416	53.900	ng		95
20) 3+4-Methylphenols	8.298	107	71319	52.513	ng		98
22) Acetophenone	8.351	105	96172	49.221	ng		97
24) Nitrobenzene	8.728	77	85179	49.601	ng		99
25) Isophorone	9.245	82	128505	50.713	ng		98
26) 2-Nitrophenol	9.428	139	33552	48.087	ng		97
27) 2,4-Dimethylphenol	9.487	122	39633	50.851	ng		91
28) bis(2-Chloroethoxy)met...	9.734	93	73568	50.432	ng		100
29) 2,4-Dichlorophenol	9.957	162	55463	52.639	ng		98
30) 1,2,4-Trichlorobenzene	10.151	180	60093	48.541	ng		98
31) Naphthalene	10.334	128	192850	48.002	ng		98
32) Benzoic acid	9.663	122	46281m	49.809	ng		
33) 4-Chloroaniline	10.481	127	70070	51.244	ng		98
34) Hexachlorobutadiene	10.592	225	34323	49.538	ng		97
35) Caprolactam	11.292	113	16800m	48.106	ng		
36) 4-Chloro-3-methylphenol	11.604	107	54177	49.812	ng		95
37) 2-Methylnaphthalene	11.963	142	123810	49.787	ng		99
38) 1-Methylnaphthalene	12.181	142	124869	49.301	ng		98
40) 1,2,4,5-Tetrachloroben...	12.333	216	53811	49.251	ng		98
41) Hexachlorocyclopentadiene	12.292	237	17374	47.824	ng		96
43) 2,4,6-Trichlorophenol	12.592	196	38580	52.791	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	41533	50.034	ng		98
46) 1,1'-Biphenyl	12.998	154	156958	49.707	ng		99
47) 2-Chloronaphthalene	13.039	162	119858	47.672	ng		97
48) 2-Nitroaniline	13.275	65	41388	53.287	ng		94
49) Acenaphthylene	13.898	152	182379	49.194	ng		99
50) Dimethylphthalate	13.657	163	142351	49.589	ng		98
51) 2,6-Dinitrotoluene	13.792	165	32444	51.732	ng		96
52) Acenaphthene	14.239	154	114896	49.798	ng		97
53) 3-Nitroaniline	14.122	138	35657	48.918	ng		98
54) 2,4-Dinitrophenol	14.345	184	16076	48.269	ng		88
55) Dibenzofuran	14.580	168	177760	49.566	ng		99
56) 4-Nitrophenol	14.445	139	27440	54.955	ng		89
57) 2,4-Dinitrotoluene	14.586	165	45952	54.054	ng	#	82
58) Fluorene	15.239	166	150377	50.555	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.816	232	32147	51.098	ng		97
60) Diethylphthalate	15.033	149	152288	48.701	ng	#	96
61) 4-Chlorophenyl-phenyle...	15.239	204	64213	49.428	ng		99
62) 4-Nitroaniline	15.304	138	35894	49.518	ng		91
63) Azobenzene	15.533	77	184920	51.291	ng		97
65) 4,6-Dinitro-2-methylph...	15.357	198	23317	55.693	ng		98
66) n-Nitrosodiphenylamine	15.463	169	115996	49.821	ng		97
67) 4-Bromophenyl-phenylether	16.139	248	36869	47.464	ng		94
68) Hexachlorobenzene	16.239	284	46912	48.082	ng		88
69) Atrazine	16.439	200	34391	49.972	ng		98
70) Pentachlorophenol	16.598	266	30271	51.938	ng		94
71) Phenanthrene	16.986	178	207815	48.468	ng		99
72) Anthracene	17.074	178	208160	48.917	ng		96
73) Carbazole	17.368	167	219197	50.429	ng		99
74) Di-n-butylphthalate	17.933	149	270849	52.043	ng		99
75) Fluoranthene	19.015	202	257010	48.882	ng		97
77) Benzidine	19.239	184	98672	61.634	ng		97
78) Pyrene	19.386	202	278139	49.401	ng		97
80) Butylbenzylphthalate	20.309	149	135178	52.167	ng		96
81) Benzo(a)anthracene	21.151	228	284725	48.385	ng		98
82) 3,3'-Dichlorobenzidine	21.098	252	111121	49.862	ng		97
83) Chrysene	21.203	228	269949	46.951	ng		99
84) Bis(2-ethylhexyl)phtha...	21.092	149	220771	55.729	ng		99
85) Di-n-octyl phthalate	21.962	149	367182	52.732	ng		100
87) Indeno(1,2,3-cd)pyrene	25.527	276	499818	47.980	ng		99
88) Benzo(b)fluoranthene	22.697	252	347597	46.880	ng		98
89) Benzo(k)fluoranthene	22.739	252	345744	48.714	ng		97
90) Benzo(a)pyrene	23.250	252	326411	48.647	ng		98
91) Dibenzo(a,h)anthracene	25.538	278	415329	48.123	ng		98
92) Benzo(g,h,i)perylene	26.185	276	416445	47.471	ng		98

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

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