Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051324\
Data File : BM045718.D
Acq On : 13 May 2024 17:58
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 14 02:25:46 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 :
SSTDICC010

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	7.587	152	100363	20.000	ng		0.00
21) Naphthalene-d8	10.357	136	420425	20.000	ng		0.00
39) Acenaphthene-d10	14.216	164	264577	20.000	ng		0.00
64) Phenanthrene-d10	16.962	188	674257	20.000	ng		0.00
76) Chrysene-d12	21.180	240	385634	20.000	ng		0.00
86) Perylene-d12	23.985	264	423896	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	113068	19.333	ng		0.00
7) Phenol-d6	6.875	99	128562	18.027	ng		0.00
23) Nitrobenzene-d5	8.757	82	179138	19.570	ng		0.00
42) 2,4,6-Tribromophenol	15.721	330	62598	17.328	ng		0.00
45) 2-Fluorobiphenyl	12.845	172	353401	18.410	ng		0.00
79) Terphenyl-d14	19.598	244	664361	16.813	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	15811m	9.918	ng		
3) Pyridine	3.681	79	70080m	11.171	ng		
4) n-Nitrosodimethylamine	3.534	42	31910	9.654	ng	#	95
6) Aniline	6.975	93	58568	9.959	ng		96
8) 2-Chlorophenol	7.192	128	49339	9.138	ng		99
9) Benzaldehyde	6.775	77	57689	11.303	ng		96
10) Phenol	6.898	94	61302	9.222	ng		100
11) bis(2-Chloroethyl)ether	7.051	93	59134	9.990	ng		98
12) 1,3-Dichlorobenzene	7.475	146	69960	9.560	ng		98
13) 1,4-Dichlorobenzene	7.622	146	71290	9.469	ng		99
14) 1,2-Dichlorobenzene	7.939	146	64319	9.573	ng		98
15) Benzyl Alcohol	7.898	79	61337	9.321	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.145	45	58441	10.013	ng		87
17) 2-Methylphenol	8.110	107	43547	9.167	ng		95
18) Hexachloroethane	8.657	117	29570	9.127	ng		95
19) n-Nitroso-di-n-propyla...	8.445	70	47100	8.792	ng		94
20) 3+4-Methylphenols	8.445	107	59022	8.793	ng	#	87
22) Acetophenone	8.451	105	89263	9.424	ng	#	99
24) Nitrobenzene	8.798	77	90016	10.162	ng		99
25) Isophorone	9.369	82	125657	9.495	ng		98
26) 2-Nitrophenol	9.504	139	26878	8.936	ng		98
27) 2,4-Dimethylphenol	9.616	122	35547	9.408	ng		97
28) bis(2-Chloroethoxy)met...	9.828	93	70419	9.195	ng		98
29) 2,4-Dichlorophenol	10.057	162	48705	8.760	ng		97
30) 1,2,4-Trichlorobenzene	10.216	180	63656	9.461	ng		99
31) Naphthalene	10.404	128	197736	9.506	ng		98
32) Benzoic acid	9.822	122	29722m	8.015	ng		
33) 4-Chloroaniline	10.586	127	69147	9.261	ng		98
34) Hexachlorobutadiene	10.692	225	40345	9.408	ng		98
35) Caprolactam	11.557	113	14196	7.829	ng		89
36) 4-Chloro-3-methylphenol	11.739	107	57290	8.393	ng		95
37) 2-Methylnaphthalene	12.022	142	138300	9.091	ng		96
38) 1-Methylnaphthalene	12.245	142	134357	8.969	ng		96
40) 1,2,4,5-Tetrachloroben...	12.386	216	67342	9.589	ng		99
41) Hexachlorocyclopentadiene	12.374	237	29070	9.441	ng		98
43) 2,4,6-Trichlorophenol	12.669	196	41767	9.067	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.763	196	48723	9.420	ng		98
46) 1,1'-Biphenyl	13.051	154	186962	9.838	ng		98
47) 2-Chloronaphthalene	13.086	162	141254	9.609	ng		99
48) 2-Nitroaniline	13.339	65	45071	9.340	ng		96
49) Acenaphthylene	13.939	152	215230	9.419	ng		99
50) Dimethylphthalate	13.727	163	188268	9.764	ng		100
51) 2,6-Dinitrotoluene	13.821	165	39834	9.552	ng		94
52) Acenaphthene	14.280	154	129407	9.132	ng		97
53) 3-Nitroaniline	14.180	138	38914	9.494	ng		97
54) 2,4-Dinitrophenol	14.357	184	16667	11.441	ng		89
55) Dibenzofuran	14.621	168	219694	9.347	ng		98
56) 4-Nitrophenol	14.563	139	31662	8.975	ng		96
57) 2,4-Dinitrotoluene	14.610	165	56956	9.015	ng		92
58) Fluorene	15.268	166	190609	9.022	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.874	232	44076	9.283	ng		96
60) Diethylphthalate	15.086	149	213264	9.728	ng		98
61) 4-Chlorophenyl-phenyle...	15.274	204	93254	9.102	ng		98
62) 4-Nitroaniline	15.357	138	40058	8.971	ng		88
63) Azobenzene	15.568	77	218622	10.165	ng		98
65) 4,6-Dinitro-2-methylph...	15.368	198	26930	10.938	ng		91
66) n-Nitrosodiphenylamine	15.498	169	149683	8.556	ng		98
67) 4-Bromophenyl-phenylether	16.162	248	60931	9.124	ng		95
68) Hexachlorobenzene	16.262	284	73901	9.206	ng		96
69) Atrazine	16.480	200	54459	9.879	ng		96
70) Pentachlorophenol	16.639	266	42584	8.374	ng		95
71) Phenanthrene	17.004	178	307801	9.054	ng		100
72) Anthracene	17.092	178	288534	8.810	ng		99
73) Carbazole	17.386	167	283056	8.911	ng		98
74) Di-n-butylphthalate	17.956	149	365756	8.857	ng		99
75) Fluoranthene	19.021	202	375220	9.070	ng		99
77) Benzidine	19.245	184	68340	8.127	ng		99
78) Pyrene	19.386	202	385789	9.807	ng		100
80) Butylbenzylphthalate	20.309	149	144198	9.905	ng		100
81) Benzo(a)anthracene	21.162	228	231954	8.789	ng		99
82) 3,3'-Dichlorobenzidine	21.109	252	82655	8.405	ng		98
83) Chrysene	21.215	228	208197	8.603	ng		99
84) Bis(2-ethylhexyl)phtha...	21.109	149	149808	9.362	ng		98
85) Di-n-octyl phthalate	22.174	149	243386	9.150	ng	#	99
87) Indeno(1,2,3-cd)pyrene	27.091	276	251341	9.422	ng	#	100
88) Benzo(b)fluoranthene	23.103	252	236591	8.635	ng		99
89) Benzo(k)fluoranthene	23.162	252	221065	8.808	ng		100
90) Benzo(a)pyrene	23.850	252	202649	8.526	ng		98
91) Dibenzo(a,h)anthracene	27.144	278	210075	9.347	ng		98
92) Benzo(g,h,i)perylene	28.050	276	215587	9.326	ng		99

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

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