Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040224\
Data File : BM044883.D
Acq On : 02 Apr 2024 18:04
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 00:24:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 00:16:03 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.651	152	104325	20.000	ng		0.00
21) Naphthalene-d8	10.427	136	455405	20.000	ng		0.00
39) Acenaphthene-d10	14.298	164	285252	20.000	ng		0.00
64) Phenanthrene-d10	17.056	188	589916	20.000	ng		0.00
76) Chrysene-d12	21.268	240	585072	20.000	ng		0.00
86) Perylene-d12	23.497	264	696160	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	861524	124.678	ng		0.00
7) Phenol-d6	6.834	99	1164084	127.622	ng		0.00
23) Nitrobenzene-d5	8.816	82	1191703	128.870	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	536440	128.691	ng		0.00
45) 2-Fluorobiphenyl	12.916	172	2717498	129.212	ng		0.00
79) Terphenyl-d14	19.709	244	4508933	131.681	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	162145	60.256	ng		99
3) Pyridine	3.634	79	491173m	62.915	ng		
4) n-Nitrosodimethylamine	3.557	42	202943	59.812	ng		96
6) Aniline	6.998	93	684652	63.674	ng		99
8) 2-Chlorophenol	7.216	128	461216	62.505	ng		100
9) Benzaldehyde	6.816	77	252860	54.823	ng		98
10) Phenol	6.857	94	571906	63.567	ng		99
11) bis(2-Chloroethyl)ether	7.098	93	451542	61.343	ng		99
12) 1,3-Dichlorobenzene	7.534	146	474266	61.203	ng		99
13) 1,4-Dichlorobenzene	7.686	146	480599	61.670	ng		99
14) 1,2-Dichlorobenzene	7.992	146	469483	61.120	ng		99
15) Benzyl Alcohol	7.898	79	416213	66.584	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	522427m	61.514	ng		
17) 2-Methylphenol	8.092	107	422642	64.528	ng		95
18) Hexachloroethane	8.704	117	189124	62.339	ng		96
19) n-Nitroso-di-n-propyla...	8.469	70	394940	64.876	ng		98
20) 3+4-Methylphenols	8.428	107	594596	65.319	ng		97
22) Acetophenone	8.480	105	743923	62.784	ng	#	98
24) Nitrobenzene	8.857	77	575975	63.686	ng		98
25) Isophorone	9.380	82	1045866	63.584	ng		98
26) 2-Nitrophenol	9.557	139	279338	67.430	ng		100
27) 2,4-Dimethylphenol	9.616	122	443694	64.075	ng		97
28) bis(2-Chloroethoxy)met...	9.863	93	637066	62.723	ng		99
29) 2,4-Dichlorophenol	10.080	162	463099	65.714	ng		98
30) 1,2,4-Trichlorobenzene	10.292	180	463325	62.903	ng		100
31) Naphthalene	10.474	128	1528479	62.100	ng		99
32) Benzoic acid	9.798	122	388168	66.994	ng		96
33) 4-Chloroaniline	10.604	127	696448	64.927	ng		99
34) Hexachlorobutadiene	10.745	225	263512	62.946	ng		99
35) Caprolactam	11.427	113	156894m	61.744	ng		
36) 4-Chloro-3-methylphenol	11.733	107	488687	64.009	ng		99
37) 2-Methylnaphthalene	12.098	142	1103337	62.383	ng		100
38) 1-Methylnaphthalene	12.321	142	1033511	61.727	ng		100
40) 1,2,4,5-Tetrachloroben...	12.468	216	501188	64.043	ng		100
41) Hexachlorocyclopentadiene	12.433	237	296268	67.482	ng		98
43) 2,4,6-Trichlorophenol	12.721	196	367759	66.346	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.792	196	431515	64.895	ng		98
46) 1,1'-Biphenyl	13.127	154	1363888	63.883	ng		99
47) 2-Chloronaphthalene	13.168	162	1037103	63.949	ng		99
48) 2-Nitroaniline	13.392	65	341428	66.569	ng		99
49) Acenaphthylene	14.021	152	1730319	64.109	ng		99
50) Dimethylphthalate	13.780	163	1398641	62.160	ng		100
51) 2,6-Dinitrotoluene	13.904	165	302954	64.096	ng		96
52) Acenaphthene	14.368	154	1031714	63.415	ng		99
53) 3-Nitroaniline	14.233	138	349044	65.713	ng		97
54) 2,4-Dinitrophenol	14.445	184	186920	61.146	ng		95
55) Dibenzofuran	14.704	168	1676983	62.524	ng		97
56) 4-Nitrophenol	14.545	139	280108	65.242	ng		98
57) 2,4-Dinitrotoluene	14.698	165	431894	65.336	ng		99
58) Fluorene	15.357	166	1380063	63.489	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.933	232	343951	62.300	ng		97
60) Diethylphthalate	15.145	149	1449268	62.636	ng		98
61) 4-Chlorophenyl-phenyle...	15.357	204	666830	63.239	ng		99
62) 4-Nitroaniline	15.404	138	329725	66.820	ng		99
63) Azobenzene	15.651	77	1415159	63.415	ng		99
65) 4,6-Dinitro-2-methylph...	15.457	198	246489	65.950	ng		96
66) n-Nitrosodiphenylamine	15.580	169	1144878	64.139	ng		98
67) 4-Bromophenyl-phenylether	16.256	248	402963	64.011	ng		99
68) Hexachlorobenzene	16.356	284	459019	62.861	ng		99
69) Atrazine	16.545	200	360070	62.195	ng		100
70) Pentachlorophenol	16.703	266	342641	64.816	ng		97
71) Phenanthrene	17.103	178	2055772	62.695	ng		99
72) Anthracene	17.192	178	2113426	63.657	ng		99
73) Carbazole	17.474	167	1989653	63.661	ng		100
74) Di-n-butylphthalate	18.045	149	2648353	65.819	ng		100
75) Fluoranthene	19.127	202	2409267	62.090	ng		99
77) Benzidine	19.333	184	666240	61.016	ng		100
78) Pyrene	19.492	202	2535743	65.089	ng		100
80) Butylbenzylphthalate	20.415	149	1249829	69.520	ng		99
81) Benzo(a)anthracene	21.250	228	2564744	63.533	ng		100
82) 3,3'-Dichlorobenzidine	21.191	252	980627	65.790	ng		99
83) Chrysene	21.303	228	2423733	63.264	ng		99
84) Bis(2-ethylhexyl)phtha...	21.197	149	1980261	68.958	ng	#	99
85) Di-n-octyl phthalate	22.080	149	3280621	68.643	ng		99
87) Indeno(1,2,3-cd)pyrene	25.756	276	3318637	63.533	ng		99
88) Benzo(b)fluoranthene	22.833	252	2704087	65.509	ng		100
89) Benzo(k)fluoranthene	22.880	252	2559318	62.435	ng		99
90) Benzo(a)pyrene	23.403	252	2571991	64.330	ng		100
91) Dibenzo(a,h)anthracene	25.773	278	2793844	63.517	ng		99
92) Benzo(g,h,i)perylene	26.444	276	2670274	63.196	ng		99

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

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