Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052924\
Data File : BP020475.D
Acq On : 29 May 2024 14:21
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 30 02:39:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 02:29:32 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	323770	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1368293	20.000	ng		0.00
39) Acenaphthene-d10	14.386	164	1016773	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1902630	20.000	ng		0.00
76) Chrysene-d12	21.668	240	1490186	20.000	ng		0.00
86) Perylene-d12	25.039	264	1361970	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2193102	121.279	ng		0.00
7) Phenol-d6	6.940	99	3090686	121.195	ng		0.00
23) Nitrobenzene-d5	8.916	82	3058123	122.344	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1291392	122.382	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	8034483	117.796	ng		0.00
79) Terphenyl-d14	19.939	244	10869875	121.430	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	448704	61.410	ng		98
3) Pyridine	3.716	79	1265964m	61.614	ng		
4) n-Nitrosodimethylamine	3.634	42	599346	60.065	ng		100
6) Aniline	7.110	93	1601219	61.965	ng		99
8) 2-Chlorophenol	7.340	128	1233390	60.845	ng		99
10) Phenol	6.963	94	1581826	60.556	ng		99
11) bis(2-Chloroethyl)ether	7.210	93	1289309	59.849	ng		100
12) 1,3-Dichlorobenzene	7.657	146	1407610	58.937	ng		99
13) 1,4-Dichlorobenzene	7.804	146	1435822	59.150	ng		98
14) 1,2-Dichlorobenzene	8.110	146	1363923	58.220	ng		98
15) Benzyl Alcohol	8.004	79	1168088	62.010	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1874544	58.283	ng		99
17) 2-Methylphenol	8.193	107	1076647	60.736	ng		99
18) Hexachloroethane	8.834	117	521483	58.833	ng		96
19) n-Nitroso-di-n-propyla...	8.569	70	1031568	59.254	ng		98
20) 3+4-Methylphenols	8.522	107	1493818	61.957	ng		99
22) Acetophenone	8.581	105	2004600	59.021	ng	#	100
24) Nitrobenzene	8.957	77	1528261	60.243	ng		99
25) Isophorone	9.481	82	2953589	60.816	ng		99
26) 2-Nitrophenol	9.651	139	628372	61.462	ng		99
27) 2,4-Dimethylphenol	9.716	122	894738	60.982	ng		98
28) bis(2-Chloroethoxy)met...	9.951	93	1778968	59.596	ng		100
29) 2,4-Dichlorophenol	10.181	162	1233922	62.686	ng		97
30) 1,2,4-Trichlorobenzene	10.398	180	1414794	60.543	ng		99
31) Naphthalene	10.587	128	4132469	59.078	ng		100
32) Benzoic acid	9.875	122	909452	62.482	ng		98
33) 4-Chloroaniline	10.692	127	1649720	60.967	ng		99
34) Hexachlorobutadiene	10.869	225	890666	60.506	ng		99
35) Caprolactam	11.498	113	456696	63.306	ng		97
36) 4-Chloro-3-methylphenol	11.816	107	1537573	66.716	ng		98
37) 2-Methylnaphthalene	12.192	142	3275976	65.359	ng		99
38) 1-Methylnaphthalene	12.410	142	3181744	64.037	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	1865233	63.403	ng		99
41) Hexachlorocyclopentadiene	12.539	237	708504	68.527	ng		99
43) 2,4,6-Trichlorophenol	12.798	196	1195810	67.246	ng		99
44) 2,4,5-Trichlorophenol	12.863	196	1338315	65.234	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.216	154	4239394	59.080	ng	99
47) 2-Chloronaphthalene	13.251	162	3390920	59.443	ng	98
48) 2-Nitroaniline	13.463	65	974131	63.020	ng	96
49) Acenaphthylene	14.110	152	5037912	59.518	ng	100
50) Dimethylphthalate	13.851	163	4248169	59.273	ng	100
51) 2,6-Dinitrotoluene	13.957	165	984244	64.248	ng	93
52) Acenaphthene	14.451	154	3113913	58.320	ng	100
53) 3-Nitroaniline	14.292	138	965080	62.804	ng	95
54) 2,4-Dinitrophenol	14.504	184	398702	62.921	ng	90
55) Dibenzofuran	14.792	168	4975965	58.831	ng	98
56) 4-Nitrophenol	14.598	139	795558	66.928	ng	95
57) 2,4-Dinitrotoluene	14.763	165	1354652	67.286	ng	95
58) Fluorene	15.457	166	3474728	51.174	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	975058	58.077	ng	99
60) Diethylphthalate	15.245	149	3949497	54.209	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1802715	51.449	ng	98
62) 4-Nitroaniline	15.480	138	894915	56.536	ng	100
63) Azobenzene	15.763	77	3555257	52.260	ng	98
65) 4,6-Dinitro-2-methylph...	15.527	198	539134	61.377	ng	97
66) n-Nitrosodiphenylamine	15.680	169	3164456	60.495	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	1185099	60.884	ng	97
68) Hexachlorobenzene	16.474	284	1382319	60.341	ng	100
69) Atrazine	16.669	200	1107038	60.155	ng	100
70) Pentachlorophenol	16.827	266	906394	65.145	ng	99
71) Phenanthrene	17.245	178	5538465	59.217	ng	99
72) Anthracene	17.339	178	5538861	60.352	ng	99
73) Carbazole	17.627	167	5308573	59.799	ng	100
74) Di-n-butylphthalate	18.227	149	6622751	61.605	ng	100
75) Fluoranthene	19.339	202	6708720	60.632	ng	99
77) Benzidine	19.539	184	3181962	58.560	ng	99
78) Pyrene	19.715	202	6875727	61.342	ng	100
80) Butylbenzylphthalate	20.686	149	2761762	60.514	ng	94
81) Benzo(a)anthracene	21.651	228	5862182	59.745	ng	100
82) 3,3'-Dichlorobenzidine	21.574	252	1905069	65.314	ng	100
83) Chrysene	21.715	228	5491643	59.397	ng	99
84) Bis(2-ethylhexyl)phtha...	21.615	149	4163761	65.271	ng	98
85) Di-n-octyl phthalate	22.921	149	6034692	68.952	ng	99
87) Indeno(1,2,3-cd)pyrene	28.880	276	5441752m	65.730	ng	
88) Benzo(b)fluoranthene	23.974	252	5222937	61.556	ng	99
89) Benzo(k)fluoranthene	24.051	252	5043532	60.945	ng	99
90) Benzo(a)pyrene	24.880	252	4391890	62.501	ng	99
91) Dibenzo(a,h)anthracene	28.986	278	4488012	64.969	ng	100
92) Benzo(g,h,i)perylene	30.056	276	4498447	65.149	ng	99

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

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