Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052424\
Data File : BP020448.D
Acq On : 24 May 2024 10:46
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 25 01:48:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 25 01:41:43 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/28/2024
Supervised By :mohammad ahmed 05/28/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	342416	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1482469	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	1019793	20.000	ng		0.00
64) Phenanthrene-d10	17.228	188	2183222	20.000	ng		0.01
76) Chrysene-d12	21.692	240	1692532	20.000	ng		0.00
86) Perylene-d12	25.086	264	1574663	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	203458	10.395	ng		0.00
7) Phenol-d6	6.928	99	277716	10.261	ng		0.00
23) Nitrobenzene-d5	8.904	82	222279	8.892	ng		-0.01
42) 2,4,6-Tribromophenol	15.916	330	98732	9.340	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	748267	10.800	ng		0.00
79) Terphenyl-d14	19.969	244	1140553	11.145	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	41309	5.290	ng		96
3) Pyridine	3.716	79	107752	4.941	ng		96
4) n-Nitrosodimethylamine	3.634	42	49326	4.886	ng	#	96
6) Aniline	7.099	93	141466	5.140	ng		98
8) 2-Chlorophenol	7.334	128	109678	5.118	ng		98
9) Benzaldehyde	6.922	77	100841	4.450	ng		97
10) Phenol	6.952	94	139961	5.095	ng		100
11) bis(2-Chloroethyl)ether	7.199	93	118523	5.210	ng		99
12) 1,3-Dichlorobenzene	7.652	146	134793	5.321	ng		99
13) 1,4-Dichlorobenzene	7.799	146	135687	5.281	ng		96
14) 1,2-Dichlorobenzene	8.110	146	130776	5.313	ng		97
15) Benzyl Alcohol	7.999	79	99757	5.064	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.293	45	182764	5.373	ng		99
17) 2-Methylphenol	8.187	107	96888	5.200	ng		98
18) Hexachloroethane	8.834	117	47000	5.145	ng		98
19) n-Nitroso-di-n-propyla...	8.563	70	99511	5.404	ng		98
20) 3+4-Methylphenols	8.510	107	128057	5.031	ng		99
22) Acetophenone	8.575	105	193691	5.300	ng		98
24) Nitrobenzene	8.946	77	117049	4.565	ng		100
25) Isophorone	9.469	82	280087	5.255	ng		99
26) 2-Nitrophenol	9.657	139	29220	5.792	ng		96
27) 2,4-Dimethylphenol	9.710	122	81295	5.077	ng		95
28) bis(2-Chloroethoxy)met...	9.957	93	170227	5.248	ng		99
29) 2,4-Dichlorophenol	10.181	162	102300	4.791	ng		96
30) 1,2,4-Trichlorobenzene	10.398	180	130561	5.145	ng		99
31) Naphthalene	10.587	128	397154	5.255	ng		100
33) 4-Chloroaniline	10.693	127	152740	5.231	ng		98
34) Hexachlorobutadiene	10.875	225	80749	5.128	ng		98
35) Caprolactam	11.440	113	36421	4.910	ng		96
36) 4-Chloro-3-methylphenol	11.804	107	118918	4.896	ng		99
37) 2-Methylnaphthalene	12.198	142	285771	5.322	ng		99
38) 1-Methylnaphthalene	12.422	142	285754	5.403	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	150640	5.072	ng		100
41) Hexachlorocyclopentadiene	12.551	237	45857	4.394	ng		99
43) 2,4,6-Trichlorophenol	12.810	196	82192	4.590	ng		99
44) 2,4,5-Trichlorophenol	12.875	196	88345	4.485	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.228	154	385601	5.299	ng		99
47) 2-Chloronaphthalene	13.257	162	306167	5.331	ng		98
48) 2-Nitroaniline	13.463	65	44971	6.592	ng		94
49) Acenaphthylene	14.122	152	450816	5.264	ng		99
50) Dimethylphthalate	13.863	163	374169	5.325	ng		100
51) 2,6-Dinitrotoluene	13.969	165	50988	3.766	ng		97
52) Acenaphthene	14.469	154	287399	5.179	ng		99
53) 3-Nitroaniline	14.304	138	49098	3.705	ng	#	86
55) Dibenzofuran	14.804	168	454627	5.403	ng		99
57) 2,4-Dinitrotoluene	14.769	165	54770	6.384	ng		92
58) Fluorene	15.469	166	378410	5.592	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.034	232	75792	4.675	ng		99
60) Diethylphthalate	15.257	149	389414	5.439	ng		99
61) 4-Chlorophenyl-phenyle...	15.481	204	193056	5.530	ng		100
62) 4-Nitroaniline	15.486	138	52648	3.923	ng	#	85
63) Azobenzene	15.775	77	371813	5.552	ng		97
66) n-Nitrosodiphenylamine	15.692	169	324643	5.200	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	118970	5.150	ng		96
68) Hexachlorobenzene	16.492	284	137187	5.145	ng		95
69) Atrazine	16.669	200	111846	5.147	ng		98
70) Pentachlorophenol	16.857	266	58696	3.975	ng		100
71) Phenanthrene	17.269	178	573975	5.329	ng		99
72) Anthracene	17.357	178	556476	5.210	ng		99
73) Carbazole	17.639	167	535979	5.301	ng		99
74) Di-n-butylphthalate	18.257	149	659884	5.175	ng		100
75) Fluoranthene	19.357	202	674182	5.368	ng		100
77) Benzidine	19.569	184	215445	5.522	ng		99
78) Pyrene	19.733	202	689794	5.390	ng		100
80) Butylbenzylphthalate	20.716	149	197147	4.211	ng		100
81) Benzo(a)anthracene	21.668	228	578529	5.179	ng		99
82) 3,3'-Dichlorobenzidine	21.598	252	161608	4.578	ng		98
83) Chrysene	21.739	228	546973	5.217	ng		99
84) Bis(2-ethylhexyl)phtha...	21.651	149	318071	4.378	ng		99
85) Di-n-octyl phthalate	22.962	149	425893	3.827	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.909	276	508174m	4.953	ng		
88) Benzo(b)fluoranthene	24.004	252	475669	5.000	ng		97
89) Benzo(k)fluoranthene	24.080	252	464514	5.051	ng		99
90) Benzo(a)pyrene	24.909	252	414858	5.037	ng		99
91) Dibenzo(a,h)anthracene	29.015	278	425761	5.001	ng		97
92) Benzo(g,h,i)perylene	30.115	276	421735	4.933	ng		99

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

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