Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061024\
Data File : BP020573.D
Acq On : 10 Jun 2024 11:51
Operator : MA/JU
Sample : PB161394BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 10 12:26:17 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 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB161394BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	290955	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	986900	20.000	ng	0.02
39) Acenaphthene-d10	14.398	164	513143	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	995068	20.000	ng	0.00
76) Chrysene-d12	21.674	240	1007135	20.000	ng	0.00
86) Perylene-d12	25.051	264	1173570	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2120422	130.485	ng	0.02
7) Phenol-d6	6.957	99	2512997	109.656	ng	0.02
23) Nitrobenzene-d5	8.922	82	1613640	89.503	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	814708	152.984	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	3160901	91.827	ng	0.00
79) Terphenyl-d14	19.945	244	4720792	78.031	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	248495	37.845	ng	96
3) Pyridine	3.728	79	629164	34.080	ng	95
4) n-Nitrosodimethylamine	3.634	42	364612	40.662	ng	99
6) Aniline	7.110	93	504665	21.733	ng	98
8) 2-Chlorophenol	7.346	128	764846	41.986	ng	98
9) Benzaldehyde	6.928	77	454444m	30.914	ng	
10) Phenol	6.981	94	917578	39.088	ng	98
11) bis(2-Chloroethyl)ether	7.204	93	764788	39.505	ng	99
12) 1,3-Dichlorobenzene	7.663	146	913529	42.564	ng	99
13) 1,4-Dichlorobenzene	7.804	146	933243	42.782	ng	98
14) 1,2-Dichlorobenzene	8.122	146	882261	41.908	ng	98
15) Benzyl Alcohol	8.016	79	650980	38.456	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1080105	37.371	ng	98
17) 2-Methylphenol	8.210	107	592872	37.217	ng	99
18) Hexachloroethane	8.834	117	354189	44.466	ng	99
19) n-Nitroso-di-n-propyla...	8.569	70	542450	34.673	ng	97
20) 3+4-Methylphenols	8.528	107	767653	35.430	ng	97
22) Acetophenone	8.587	105	1115586	45.540	ng	99
24) Nitrobenzene	8.963	77	821656	44.906	ng	99
25) Isophorone	9.487	82	1400654	39.986	ng	99
26) 2-Nitrophenol	9.663	139	380317	52.185	ng	99
27) 2,4-Dimethylphenol	9.728	122	469052	44.323	ng	99
28) bis(2-Chloroethoxy)met...	9.957	93	862049	40.039	ng	99
29) 2,4-Dichlorophenol	10.193	162	627085	44.169	ng	98
30) 1,2,4-Trichlorobenzene	10.410	180	786945	46.690	ng	98
31) Naphthalene	10.593	128	2189314	43.394	ng	100
32) Benzoic acid	9.875	122	396083	40.624	ng	99
33) 4-Chloroaniline	10.704	127	339404	17.390	ng	98
34) Hexachlorobutadiene	10.875	225	505967	47.655	ng	97
35) Caprolactam	11.504	113	185018	35.561	ng	96
36) 4-Chloro-3-methylphenol	11.822	107	629623	37.877	ng	100
37) 2-Methylnaphthalene	12.198	142	1429792	39.550	ng	100
38) 1-Methylnaphthalene	12.416	142	1304837	36.410	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	806051	54.291	ng	99
41) Hexachlorocyclopentadiene	12.540	237	896554	171.823	ng	100
43) 2,4,6-Trichlorophenol	12.810	196	464427	51.749	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	494135	47.725	ng		97
46) 1,1'-Biphenyl	13.222	154	1747750	48.261	ng		99
47) 2-Chloronaphthalene	13.263	162	1365108	47.417	ng		99
48) 2-Nitroaniline	13.463	65	401097	51.416	ng		95
49) Acenaphthylene	14.122	152	2127467	49.802	ng		99
50) Dimethylphthalate	13.851	163	1531570	42.343	ng		100
51) 2,6-Dinitrotoluene	13.963	165	342904	44.352	ng		99
52) Acenaphthene	14.463	154	1196461	44.402	ng		100
53) 3-Nitroaniline	14.298	138	263010	33.914	ng		98
54) 2,4-Dinitrophenol	14.522	184	373761	99.107	ng		95
55) Dibenzofuran	14.804	168	1920859	45.000	ng		99
56) 4-Nitrophenol	14.622	139	594181	99.047	ng		99
57) 2,4-Dinitrotoluene	14.775	165	471000	46.356	ng		98
58) Fluorene	15.463	166	1501484	43.816	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	418249	49.362	ng		99
60) Diethylphthalate	15.245	149	1532433	41.677	ng		99
61) 4-Chlorophenyl-phenyle...	15.463	204	774827	43.817	ng		97
62) 4-Nitroaniline	15.486	138	346573	43.383	ng		100
63) Azobenzene	15.763	77	1471515	42.860	ng		97
65) 4,6-Dinitro-2-methylph...	15.545	198	252837	55.827	ng		96
66) n-Nitrosodiphenylamine	15.681	169	1259202	46.027	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	489145	48.049	ng		98
68) Hexachlorobenzene	16.480	284	560160	46.754	ng		99
69) Atrazine	16.675	200	468995	48.728	ng		100
70) Pentachlorophenol	16.845	266	704429	96.806	ng		99
71) Phenanthrene	17.251	178	2336738	47.772	ng		99
72) Anthracene	17.345	178	2325462	48.449	ng		99
73) Carbazole	17.633	167	2162525	46.578	ng		100
74) Di-n-butylphthalate	18.222	149	2660436	47.319	ng		100
75) Fluoranthene	19.339	202	2847059	49.199	ng		99
77) Benzidine	19.545	184	252647m	12.149	ng		
78) Pyrene	19.721	202	2971715	39.228	ng		100
80) Butylbenzylphthalate	20.680	149	1292157	42.641	ng		95
81) Benzo(a)anthracene	21.657	228	3070561	46.303	ng		100
82) 3,3'-Dichlorobenzidine	21.574	252	797273	40.444	ng		99
83) Chrysene	21.721	228	2894696	46.325	ng		100
84) Bis(2-ethylhexyl)phtha...	21.598	149	1855181	43.030	ng		99
85) Di-n-octyl phthalate	22.904	149	3325279	53.065	ng		98
87) Indeno(1,2,3-cd)pyrene	28.903	276	4367716	61.203	ng	#	91
88) Benzo(b)fluoranthene	23.986	252	3338581	45.664	ng		98
89) Benzo(k)fluoranthene	24.057	252	3287230	46.099	ng		99
90) Benzo(a)pyrene	24.898	252	3165892	52.286	ng		99
91) Dibenzo(a,h)anthracene	28.992	278	3609227	60.635	ng		98
92) Benzo(g,h,i)perylene	30.097	276	3472225m	58.360	ng		

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

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