Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091024\
Data File : BP021873.D
Acq On : 10 Sep 2024 12:58
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 10 16:41:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 16:24:23 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	201903	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	882574	20.000	ng		0.00
39) Acenaphthene-d10	14.381	164	605108	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	1384880	20.000	ng		0.00
76) Chrysene-d12	21.616	240	1408319	20.000	ng		0.00
86) Perylene-d12	24.962	264	1611977	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	574629	41.094	ng		0.00
7) Phenol-d6	6.940	99	830130	43.871	ng		0.00
23) Nitrobenzene-d5	8.910	82	700961	35.981	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	250379	37.236	ng		0.00
45) 2-Fluorobiphenyl	12.992	172	1547907	42.074	ng		0.00
79) Terphenyl-d14	19.892	244	2814495	42.680	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	131955	18.577	ng		99
3) Pyridine	3.705	79	348920	18.978	ng		99
4) n-Nitrosodimethylamine	3.605	42	124191	17.903	ng		97
6) Aniline	7.099	93	390081	23.542	ng		100
8) 2-Chlorophenol	7.334	128	275474	21.411	ng		97
9) Benzaldehyde	6.910	77	253187	25.309	ng		96
10) Phenol	6.969	94	422650	21.988	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	332873	22.510	ng		98
12) 1,3-Dichlorobenzene	7.657	146	311655	20.908	ng		99
13) 1,4-Dichlorobenzene	7.799	146	314243	20.792	ng		99
14) 1,2-Dichlorobenzene	8.110	146	307300	20.362	ng		100
15) Benzyl Alcohol	7.999	79	287170	20.429	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	314609	20.667	ng		98
17) 2-Methylphenol	8.204	107	273686	20.148	ng		99
18) Hexachloroethane	8.834	117	112764	17.902	ng		97
19) n-Nitroso-di-n-propyla...	8.557	70	256452	21.654	ng		99
20) 3+4-Methylphenols	8.522	107	386214	20.636	ng		100
22) Acetophenone	8.575	105	547941	20.110	ng	#	98
24) Nitrobenzene	8.952	77	348582	18.050	ng		99
25) Isophorone	9.475	82	714561	21.132	ng		100
26) 2-Nitrophenol	9.657	139	130983	19.501	ng		98
27) 2,4-Dimethylphenol	9.716	122	198635	20.605	ng		99
28) bis(2-Chloroethoxy)met...	9.946	93	467068	21.260	ng		99
29) 2,4-Dichlorophenol	10.187	162	259375	20.687	ng		98
30) 1,2,4-Trichlorobenzene	10.399	180	294296	20.402	ng		98
31) Naphthalene	10.587	128	953213	20.619	ng		100
32) Benzoic acid	9.828	122	205027	19.157	ng		98
33) 4-Chloroaniline	10.687	127	361116	21.295	ng		99
34) Hexachlorobutadiene	10.875	225	179375	20.033	ng		97
35) Caprolactam	11.469	113	105460	20.254	ng		94
36) 4-Chloro-3-methylphenol	11.816	107	375675	20.740	ng		99
37) 2-Methylnaphthalene	12.193	142	641513	20.742	ng		98
38) 1-Methylnaphthalene	12.410	142	642263	20.798	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	329141	21.068	ng		100
41) Hexachlorocyclopentadiene	12.545	237	104897	20.810	ng		97
43) 2,4,6-Trichlorophenol	12.804	196	211469	21.057	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	248447	21.278	ng	99
46) 1,1'-Biphenyl	13.210	154	869318	20.596	ng	98
47) 2-Chloronaphthalene	13.251	162	679663	20.716	ng	99
48) 2-Nitroaniline	13.451	65	236587	20.683	ng	97
49) Acenaphthylene	14.098	152	1013136	20.868	ng	100
50) Dimethylphthalate	13.834	163	874872	21.000	ng	100
51) 2,6-Dinitrotoluene	13.945	165	191391	20.774	ng	93
52) Acenaphthene	14.445	154	650276	20.717	ng	99
53) 3-Nitroaniline	14.275	138	194822	20.596	ng	98
54) 2,4-Dinitrophenol	14.487	184	83974	19.126	ng	97
55) Dibenzofuran	14.781	168	1049081	21.247	ng	99
56) 4-Nitrophenol	14.598	139	174540	21.274	ng	95
57) 2,4-Dinitrotoluene	14.745	165	267520	21.059	ng	99
58) Fluorene	15.439	166	858960	21.109	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	217559	21.190	ng	100
60) Diethylphthalate	15.210	149	911183	21.073	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	414883	21.025	ng	99
62) 4-Nitroaniline	15.457	138	212843	20.579	ng	99
63) Azobenzene	15.734	77	1044367	21.465	ng	98
65) 4,6-Dinitro-2-methylph...	15.516	198	126277	20.295	ng	89
66) n-Nitrosodiphenylamine	15.657	169	748095	21.099	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	260080	19.926	ng	97
68) Hexachlorobenzene	16.463	284	311588	19.987	ng	95
69) Atrazine	16.628	200	202452	19.469	ng	98
70) Pentachlorophenol	16.816	266	196034	19.665	ng	98
71) Phenanthrene	17.216	178	1400420	20.455	ng	100
72) Anthracene	17.310	178	1373737	20.605	ng	100
73) Carbazole	17.586	167	1399958	20.455	ng	99
74) Di-n-butylphthalate	18.180	149	1563633	20.657	ng	99
75) Fluoranthene	19.298	202	1758938	21.220	ng	100
77) Benzidine	19.492	184	395549	20.380	ng	100
78) Pyrene	19.674	202	1840423	20.708	ng	100
80) Butylbenzylphthalate	20.622	149	729122	19.935	ng	98
81) Benzo(a)anthracene	21.592	228	1839765	20.590	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	581543	20.602	ng	98
83) Chrysene	21.657	228	1743216	20.266	ng	99
84) Bis(2-ethylhexyl)phtha...	21.527	149	1067388	20.383	ng	98
85) Di-n-octyl phthalate	22.810	149	1726122	20.021	ng	100
87) Indeno(1,2,3-cd)pyrene	28.733	276	2055178m	20.281	ng	
88) Benzo(b)fluoranthene	23.892	252	1929306	20.782	ng	99
89) Benzo(k)fluoranthene	23.962	252	1841838	20.465	ng	98
90) Benzo(a)pyrene	24.798	252	1640715	20.390	ng	98
91) Dibenzo(a,h)anthracene	28.827	278	1700724	20.299	ng	98
92) Benzo(g,h,i)perylene	29.927	276	1762688	20.056	ng	99

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

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