Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021955.D
Acq On : 19 Sep 2024 17:44
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 20 01:06:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 00:59:29 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.711	152	117448	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	454584	20.000	ng		0.00
39) Acenaphthene-d10	14.334	164	342314	20.000	ng		0.00
64) Phenanthrene-d10	17.128	188	813328	20.000	ng		-0.01
76) Chrysene-d12	21.569	240	888719	20.000	ng		0.00
86) Perylene-d12	24.851	264	1031143	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	984975	157.605	ng		0.00
7) Phenol-d6	6.905	99	1387159	170.976	ng		0.00
23) Nitrobenzene-d5	8.863	82	1344312	156.477	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	1056557	166.489	ng		0.00
45) 2-Fluorobiphenyl	12.946	172	3631795	154.875	ng		0.00
79) Terphenyl-d14	19.857	244	7840492	165.724	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	189400	72.984	ng		99
3) Pyridine	3.658	79	542359m	78.374	ng		
4) n-Nitrosodimethylamine	3.564	42	276782	75.809	ng		95
6) Aniline	7.058	93	580853	81.473	ng		99
8) 2-Chlorophenol	7.293	128	528929	79.149	ng		99
9) Benzaldehyde	6.864	77	256709	60.267	ng		97
10) Phenol	6.928	94	680108	84.400	ng		97
11) bis(2-Chloroethyl)ether	7.152	93	503563	82.960	ng		99
12) 1,3-Dichlorobenzene	7.605	146	650146	77.059	ng		98
13) 1,4-Dichlorobenzene	7.746	146	662654	77.446	ng		98
14) 1,2-Dichlorobenzene	8.058	146	634457	77.256	ng		99
15) Benzyl Alcohol	7.952	79	510592	82.061	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.234	45	497839	77.399	ng		99
17) 2-Methylphenol	8.152	107	443794	81.525	ng		97
18) Hexachloroethane	8.781	117	245052	77.888	ng		99
19) n-Nitroso-di-n-propyla...	8.522	70	414354	82.168	ng		99
20) 3+4-Methylphenols	8.481	107	620463	80.741	ng		99
22) Acetophenone	8.528	105	855047	77.106	ng	#	98
24) Nitrobenzene	8.899	77	675611	77.439	ng		98
25) Isophorone	9.422	82	1134272	80.082	ng		99
26) 2-Nitrophenol	9.599	139	319273	83.696	ng		96
27) 2,4-Dimethylphenol	9.663	122	353731	80.083	ng		99
28) bis(2-Chloroethoxy)met...	9.893	93	653873	76.994	ng		99
29) 2,4-Dichlorophenol	10.128	162	607216	80.990	ng		97
30) 1,2,4-Trichlorobenzene	10.340	180	716682	76.743	ng		99
31) Naphthalene	10.528	128	1762769	77.714	ng		99
32) Benzoic acid	9.857	122	443397	84.254	ng		100
33) 4-Chloroaniline	10.640	127	642009	78.468	ng		98
34) Hexachlorobutadiene	10.810	225	564589	77.281	ng		98
35) Caprolactam	11.446	113	180139m	80.885	ng		
36) 4-Chloro-3-methylphenol	11.763	107	654502	81.370	ng		99
37) 2-Methylnaphthalene	12.134	142	1303538	78.548	ng		99
38) 1-Methylnaphthalene	12.351	142	1281660	78.222	ng		99
40) 1,2,4,5-Tetrachloroben...	12.504	216	934058	77.992	ng		99
41) Hexachlorocyclopentadiene	12.481	237	355786	79.954	ng		99
43) 2,4,6-Trichlorophenol	12.746	196	588494	80.057	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	660171	80.058	ng	98
46) 1,1'-Biphenyl	13.151	154	1799968	77.119	ng	100
47) 2-Chloronaphthalene	13.193	162	1469465	77.863	ng	99
48) 2-Nitroaniline	13.398	65	421525	81.796	ng	98
49) Acenaphthylene	14.051	152	2112719	79.335	ng	99
50) Dimethylphthalate	13.787	163	1928635	77.682	ng	99
51) 2,6-Dinitrotoluene	13.898	165	435392	78.700	ng	99
52) Acenaphthene	14.398	154	1360604	78.504	ng	98
53) 3-Nitroaniline	14.234	138	398407	80.805	ng	100
54) 2,4-Dinitrophenol	14.445	184	292399	90.207	ng	98
55) Dibenzofuran	14.740	168	2250136	77.239	ng	99
56) 4-Nitrophenol	14.551	139	346344	80.703	ng	99
57) 2,4-Dinitrotoluene	14.704	165	636190	81.345	ng	99
58) Fluorene	15.398	166	1930245	79.341	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	629307	79.074	ng	99
60) Diethylphthalate	15.169	149	1989344	78.852	ng	98
61) 4-Chlorophenyl-phenyle...	15.392	204	1141128	80.567	ng	98
62) 4-Nitroaniline	15.428	138	436992	81.159	ng	97
63) Azobenzene	15.692	77	1631663	78.154	ng	100
65) 4,6-Dinitro-2-methylph...	15.487	198	419482	88.982	ng	92
66) n-Nitrosodiphenylamine	15.604	169	1595347	78.776	ng	98
67) 4-Bromophenyl-phenylether	16.298	248	768926	81.101	ng	95
68) Hexachlorobenzene	16.422	284	953620	80.674	ng	98
69) Atrazine	16.587	200	472708	65.148	ng	99
70) Pentachlorophenol	16.775	266	668763	84.092	ng	99
71) Phenanthrene	17.175	178	3041014	77.889	ng	100
72) Anthracene	17.269	178	2949937	78.053	ng	100
73) Carbazole	17.557	167	2823850	77.359	ng	100
74) Di-n-butylphthalate	18.139	149	3548283	82.764	ng	99
75) Fluoranthene	19.257	202	4316266	79.204	ng	100
77) Benzidine	19.451	184	430427	39.632	ng	99
78) Pyrene	19.633	202	4377380	81.421	ng	99
80) Butylbenzylphthalate	20.586	149	1672561	87.226	ng	95
81) Benzo(a)anthracene	21.545	228	4574969	80.113	ng	100
82) 3,3'-Dichlorobenzidine	21.469	252	1578618	76.189	ng	99
83) Chrysene	21.616	228	4381186	81.483	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	2521920	89.611	ng	100
85) Di-n-octyl phthalate	22.733	149	4244760	88.805	ng	100
87) Indeno(1,2,3-cd)pyrene	28.609	276	5496002	80.139	ng	93
88) Benzo(b)fluoranthene	23.821	252	4995335	81.914	ng	100
89) Benzo(k)fluoranthene	23.886	252	4683895	81.161	ng	98
90) Benzo(a)pyrene	24.704	252	4286641	81.598	ng	100
91) Dibenzo(a,h)anthracene	28.692	278	4554728	80.470	ng	98
92) Benzo(g,h,i)perylene	29.792	276	4641725	80.058	ng	99

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

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