Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021949.D
Acq On : 19 Sep 2024 13:36
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 20 01:01:10 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 :
SSTDICC005

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	7.716	152	78373	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	285466	20.000	ng		0.00
39) Acenaphthene-d10	14.340	164	204302	20.000	ng		0.01
64) Phenanthrene-d10	17.128	188	496880	20.000	ng		-0.01
76) Chrysene-d12	21.563	240	626397	20.000	ng		0.00
86) Perylene-d12	24.857	264	796301	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	42612	10.218	ng		0.00
7) Phenol-d6	6.893	99	52735	9.741	ng		0.00
23) Nitrobenzene-d5	8.852	82	54997	10.194	ng		0.00
42) 2,4,6-Tribromophenol	15.840	330	36434	9.619	ng		-0.02
45) 2-Fluorobiphenyl	12.946	172	151039	10.792	ng		0.00
79) Terphenyl-d14	19.857	244	328091	9.839	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	9876	5.703	ng		98
3) Pyridine	3.664	79	24664	5.341	ng		97
4) n-Nitrosodimethylamine	3.564	42	13611	5.587	ng	#	87
6) Aniline	7.046	93	24363	5.121	ng		96
8) 2-Chlorophenol	7.287	128	22573	5.062	ng		91
9) Benzaldehyde	6.869	77	16185m	5.694	ng		
10) Phenol	6.922	94	27730	5.157	ng		96
11) bis(2-Chloroethyl)ether	7.146	93	20202	4.988	ng		100
12) 1,3-Dichlorobenzene	7.605	146	29928	5.316	ng		96
13) 1,4-Dichlorobenzene	7.752	146	30309	5.308	ng		97
14) 1,2-Dichlorobenzene	8.063	146	29670	5.414	ng		98
15) Benzyl Alcohol	7.946	79	19417	4.677	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.228	45	23031m	5.366	ng		
17) 2-Methylphenol	8.152	107	16465	4.533	ng		89
18) Hexachloroethane	8.781	117	11053	5.265	ng		96
19) n-Nitroso-di-n-propyla...	8.505	70	16874	5.014	ng		98
20) 3+4-Methylphenols	8.475	107	24436	4.765	ng		96
22) Acetophenone	8.522	105	37303	5.357	ng		98
24) Nitrobenzene	8.893	77	28349	5.174	ng		99
25) Isophorone	9.422	82	43269	4.865	ng	#	96
26) 2-Nitrophenol	9.599	139	10980	4.584	ng		97
27) 2,4-Dimethylphenol	9.663	122	13811	4.979	ng		90
28) bis(2-Chloroethoxy)met...	9.887	93	28077	5.265	ng		99
29) 2,4-Dichlorophenol	10.134	162	22288	4.734	ng		89
30) 1,2,4-Trichlorobenzene	10.340	180	30731	5.240	ng		99
31) Naphthalene	10.528	128	75643	5.310	ng		98
32) Benzoic acid	9.728	122	13108m	3.966	ng		
33) 4-Chloroaniline	10.634	127	25310	4.926	ng		95
34) Hexachlorobutadiene	10.822	225	25326	5.520	ng		94
35) Caprolactam	11.399	113	6708	4.796	ng	#	81
36) 4-Chloro-3-methylphenol	11.769	107	23737	4.699	ng		96
37) 2-Methylnaphthalene	12.146	142	52713	5.058	ng		95
38) 1-Methylnaphthalene	12.357	142	52332	5.086	ng		97
40) 1,2,4,5-Tetrachloroben...	12.510	216	37515	5.248	ng		99
41) Hexachlorocyclopentadiene	12.493	237	13209	4.974	ng		89
43) 2,4,6-Trichlorophenol	12.751	196	21461	4.892	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	23752	4.826	ng		98
46) 1,1'-Biphenyl	13.151	154	73235	5.257	ng		99
47) 2-Chloronaphthalene	13.199	162	58448	5.189	ng		100
48) 2-Nitroaniline	13.393	65	13441	4.370	ng		93
49) Acenaphthylene	14.051	152	77526	4.878	ng		99
50) Dimethylphthalate	13.781	163	76603	5.170	ng		100
51) 2,6-Dinitrotoluene	13.898	165	15769	4.776	ng		91
52) Acenaphthene	14.393	154	53836	5.205	ng		97
53) 3-Nitroaniline	14.234	138	13376	4.546	ng	#	94
54) 2,4-Dinitrophenol	14.445	184	8203	4.240	ng		96
55) Dibenzofuran	14.734	168	90881	5.227	ng		97
56) 4-Nitrophenol	14.563	139	10862	4.241	ng		90
57) 2,4-Dinitrotoluene	14.704	165	21507	4.608	ng		98
58) Fluorene	15.398	166	74633	5.140	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	23077	4.859	ng		99
60) Diethylphthalate	15.175	149	75992	5.047	ng		98
61) 4-Chlorophenyl-phenyle...	15.398	204	43265	5.118	ng		98
62) 4-Nitroaniline	15.410	138	14531m	4.522	ng		
63) Azobenzene	15.698	77	61532	4.938	ng		96
65) 4,6-Dinitro-2-methylph...	15.469	198	11755	4.082	ng		91
66) n-Nitrosodiphenylamine	15.616	169	62121	5.021	ng		99
67) 4-Bromophenyl-phenylether	16.310	248	29491	5.092	ng		94
68) Hexachlorobenzene	16.428	284	36879	5.107	ng		98
69) Atrazine	16.587	200	25679	5.793	ng		95
70) Pentachlorophenol	16.781	266	21855	4.498	ng		96
71) Phenanthrene	17.175	178	123369	5.172	ng		100
72) Anthracene	17.263	178	116649	5.052	ng		99
73) Carbazole	17.539	167	112436	5.042	ng		98
74) Di-n-butylphthalate	18.139	149	129032	4.926	ng		99
75) Fluoranthene	19.263	202	168391	5.058	ng		100
77) Benzidine	19.451	184	46074	6.019	ng		98
78) Pyrene	19.639	202	182547	4.817	ng		99
80) Butylbenzylphthalate	20.586	149	63598	4.706	ng		94
81) Benzo(a)anthracene	21.545	228	207369	5.152	ng		97
82) 3,3'-Dichlorobenzidine	21.463	252	72642	4.974	ng		98
83) Chrysene	21.604	228	196009	5.172	ng		99
84) Bis(2-ethylhexyl)phtha...	21.486	149	96383	4.859	ng		97
85) Di-n-octyl phthalate	22.739	149	169894	5.043	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.586	276	275902	5.209	ng		98
88) Benzo(b)fluoranthene	23.810	252	230201	4.888	ng		99
89) Benzo(k)fluoranthene	23.880	252	222388	4.990	ng		98
90) Benzo(a)pyrene	24.698	252	199937	4.928	ng		98
91) Dibenzo(a,h)anthracene	28.657	278	229440	5.249	ng		98
92) Benzo(g,h,i)perylene	29.733	276	229674	5.130	ng		97

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

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