Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091024\
Data File : BP021871.D
Acq On : 10 Sep 2024 10:51
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 10 16:39:29 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 :
SSTDICC005

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	142308	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	570731	20.000	ng		0.00
39) Acenaphthene-d10	14.380	164	375041	20.000	ng		0.00
64) Phenanthrene-d10	17.169	188	825474	20.000	ng		0.00
76) Chrysene-d12	21.609	240	901085	20.000	ng		-0.01
86) Perylene-d12	24.939	264	1088204	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	97553	9.898	ng		0.00
7) Phenol-d6	6.934	99	91965	6.895	ng		0.00
23) Nitrobenzene-d5	8.904	82	123843	9.830	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	37361	8.965	ng		0.00
45) 2-Fluorobiphenyl	12.992	172	249495	10.942	ng		0.00
79) Terphenyl-d14	19.892	244	431181	10.219	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	24095	4.813	ng		97
3) Pyridine	3.705	79	59704	4.607	ng		97
4) n-Nitrosodimethylamine	3.605	42	24019	4.913	ng	#	92
6) Aniline	7.093	93	42920	3.675	ng		97
8) 2-Chlorophenol	7.328	128	35450	3.909	ng		95
9) Benzaldehyde	6.910	77	31554m	4.475	ng		
10) Phenol	6.963	94	47404	3.499	ng		91
11) bis(2-Chloroethyl)ether	7.187	93	38278	3.672	ng		99
12) 1,3-Dichlorobenzene	7.651	146	55666	5.298	ng		97
13) 1,4-Dichlorobenzene	7.798	146	55109	5.173	ng		98
14) 1,2-Dichlorobenzene	8.110	146	54481	5.122	ng		99
15) Benzyl Alcohol	7.998	79	42428	4.282	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.281	45	51914	4.839	ng		98
17) 2-Methylphenol	8.198	107	40937	4.276	ng		94
18) Hexachloroethane	8.828	117	23562	5.307	ng		94
19) n-Nitroso-di-n-propyla...	8.551	70	38822	4.651	ng	#	96
20) 3+4-Methylphenols	8.522	107	55926	4.240	ng		98
22) Acetophenone	8.575	105	85588	4.857	ng	#	97
24) Nitrobenzene	8.951	77	64777	5.187	ng		96
25) Isophorone	9.469	82	100347	4.589	ng		98
26) 2-Nitrophenol	9.657	139	18360	4.227	ng		94
27) 2,4-Dimethylphenol	9.716	122	28635	4.593	ng		92
28) bis(2-Chloroethoxy)met...	9.945	93	70423	4.957	ng		98
29) 2,4-Dichlorophenol	10.187	162	35752	4.409	ng		95
30) 1,2,4-Trichlorobenzene	10.398	180	48758	5.227	ng		93
31) Naphthalene	10.587	128	155694	5.208	ng		99
32) Benzoic acid	9.781	122	25267m	3.651	ng		
33) 4-Chloroaniline	10.692	127	52340	4.773	ng		97
34) Hexachlorobutadiene	10.875	225	30228	5.221	ng		97
35) Caprolactam	11.463	113	13421m	3.986	ng		
36) 4-Chloro-3-methylphenol	11.816	107	48423	4.134	ng		97
37) 2-Methylnaphthalene	12.192	142	101191	5.059	ng		99
38) 1-Methylnaphthalene	12.410	142	100440	5.030	ng		96
40) 1,2,4,5-Tetrachloroben...	12.563	216	51233	5.291	ng		98
41) Hexachlorocyclopentadiene	12.545	237	14821	4.744	ng		90
43) 2,4,6-Trichlorophenol	12.804	196	27977	4.495	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	33131	4.578	ng		99
46) 1,1'-Biphenyl	13.210	154	139055	5.316	ng		98
47) 2-Chloronaphthalene	13.251	162	107081	5.266	ng		99
48) 2-Nitroaniline	13.451	65	30088	4.244	ng		93
49) Acenaphthylene	14.104	152	144268	4.794	ng		97
50) Dimethylphthalate	13.833	163	127840	4.951	ng		100
51) 2,6-Dinitrotoluene	13.945	165	23943	4.193	ng	#	80
52) Acenaphthene	14.451	154	101541	5.219	ng		99
53) 3-Nitroaniline	14.286	138	25180	4.295	ng		86
54) 2,4-Dinitrophenol	14.486	184	9184	3.375	ng		94
55) Dibenzofuran	14.786	168	141812	4.634	ng		95
56) 4-Nitrophenol	14.610	139	16954	3.334	ng	#	88
57) 2,4-Dinitrotoluene	14.739	165	27997	3.556	ng	#	89
58) Fluorene	15.439	166	129123	5.120	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	28439	4.469	ng		94
60) Diethylphthalate	15.210	149	131732	4.915	ng		98
61) 4-Chlorophenyl-phenyle...	15.439	204	63490	5.191	ng		96
62) 4-Nitroaniline	15.457	138	25334	3.952	ng		92
63) Azobenzene	15.733	77	139904	4.639	ng		96
66) n-Nitrosodiphenylamine	15.657	169	107216	5.073	ng		98
67) 4-Bromophenyl-phenylether	16.345	248	37374	4.804	ng		91
68) Hexachlorobenzene	16.463	284	46439	4.998	ng		95
69) Atrazine	16.627	200	34186	5.515	ng		98
70) Pentachlorophenol	16.816	266	23650	3.980	ng		95
71) Phenanthrene	17.210	178	214513	5.256	ng		98
72) Anthracene	17.310	178	197085	4.959	ng		99
73) Carbazole	17.580	167	198692	4.870	ng		99
74) Di-n-butylphthalate	18.180	149	199473	4.421	ng		99
75) Fluoranthene	19.298	202	248127	5.022	ng		98
77) Benzidine	19.492	184	53946	4.344	ng		98
78) Pyrene	19.674	202	273050	4.802	ng		98
80) Butylbenzylphthalate	20.621	149	94010	4.017	ng		97
81) Benzo(a)anthracene	21.592	228	280152	4.900	ng		99
82) 3,3'-Dichlorobenzidine	21.509	252	75802	4.197	ng		95
83) Chrysene	21.657	228	284354	5.167	ng		99
84) Bis(2-ethylhexyl)phtha...	21.533	149	135737	4.051	ng		96
85) Di-n-octyl phthalate	22.804	149	208598	3.781	ng		97
87) Indeno(1,2,3-cd)pyrene	28.733	276	340548	4.978	ng		98
88) Benzo(b)fluoranthene	23.886	252	298841	4.768	ng		99
89) Benzo(k)fluoranthene	23.956	252	294911	4.854	ng		98
90) Benzo(a)pyrene	24.792	252	248097	4.567	ng		97
91) Dibenzo(a,h)anthracene	28.797	278	288717	5.105	ng		98
92) Benzo(g,h,i)perylene	29.903	276	294315	4.961	ng		99

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

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