Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139346.D
Acq On : 13 Sep 2024 15:00
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 14 02:14:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	50863	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	190085	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	105494	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	203939	20.000	ng		0.00
76) Chrysene-d12	14.027	240	151467	20.000	ng		0.00
86) Perylene-d12	15.492	264	123378	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	31915	10.497	ng		0.00
7) Phenol-d6	6.493	99	41610	10.251	ng		-0.01
23) Nitrobenzene-d5	7.434	82	38883	10.642	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	11158	12.249	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	77537	11.346	ng		0.00
79) Terphenyl-d14	12.975	244	83334	8.883	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	7035	4.969	ng		96
3) Pyridine	3.422	79	13785	4.033	ng		96
4) n-Nitrosodimethylamine	3.352	42	11905	5.364	ng		99
6) Aniline	6.534	93	16052	4.301	ng		98
8) 2-Chlorophenol	6.657	128	16053	5.094	ng		96
9) Benzaldehyde	6.422	77	14231	5.792	ng		100
10) Phenol	6.504	94	21576	5.040	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	14911	4.861	ng		97
12) 1,3-Dichlorobenzene	6.816	146	19069	5.346	ng		98
13) 1,4-Dichlorobenzene	6.893	146	18785	5.262	ng		98
14) 1,2-Dichlorobenzene	7.045	146	18168	5.457	ng		98
15) Benzyl Alcohol	7.010	79	16238	5.486	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	25855	4.428	ng		98
17) 2-Methylphenol	7.122	107	12705	4.936	ng		99
18) Hexachloroethane	7.387	117	7153	5.610	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	12083	5.169	ng		91
20) 3+4-Methylphenols	7.275	107	17770	5.478	ng	#	82
22) Acetophenone	7.281	105	24740	5.463	ng		97
24) Nitrobenzene	7.451	77	20611	5.315	ng		96
25) Isophorone	7.692	82	31252	5.003	ng		99
26) 2-Nitrophenol	7.775	139	7259	4.766	ng		97
27) 2,4-Dimethylphenol	7.804	122	10241	4.714	ng		94
28) bis(2-Chloroethoxy)met...	7.904	93	18745	5.036	ng		98
29) 2,4-Dichlorophenol	8.010	162	13756	5.289	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	16468	5.544	ng		98
31) Naphthalene	8.181	128	49576	5.150	ng		99
32) Benzoic acid	7.857	122	7778	3.931	ng		96
33) 4-Chloroaniline	8.228	127	14598	4.380	ng		98
34) Hexachlorobutadiene	8.298	225	10851	5.764	ng		96
35) Caprolactam	8.551	113	4150	5.154	ng		97
36) 4-Chloro-3-methylphenol	8.698	107	14968	5.281	ng		96
37) 2-Methylnaphthalene	8.869	142	31958	5.306	ng		100
38) 1-Methylnaphthalene	8.969	142	31162	5.261	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	15812	5.298	ng		98
41) Hexachlorocyclopentadiene	9.022	237	5217	5.439	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	9966	5.103	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	9970	4.872	ng		97
46) 1,1'-Biphenyl	9.334	154	42592	5.449	ng		97
47) 2-Chloronaphthalene	9.357	162	29802	5.050	ng		98
48) 2-Nitroaniline	9.445	65	10214	5.025	ng		91
49) Acenaphthylene	9.769	152	44722	5.031	ng		99
50) Dimethylphthalate	9.622	163	34763	5.437	ng		99
51) 2,6-Dinitrotoluene	9.686	165	6896	4.754	ng		86
52) Acenaphthene	9.939	154	31279	5.305	ng		99
53) 3-Nitroaniline	9.857	138	7356	4.760	ng	#	98
55) Dibenzofuran	10.116	168	44498	5.264	ng		98
56) 4-Nitrophenol	10.004	139	5945	5.212	ng		92
57) 2,4-Dinitrotoluene	10.086	165	9602	5.201	ng		97
58) Fluorene	10.457	166	36214	5.526	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	8352	5.185	ng		98
60) Diethylphthalate	10.322	149	35843	5.696	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	17706	5.602	ng		96
62) 4-Nitroaniline	10.463	138	7998	5.437	ng		98
63) Azobenzene	10.604	77	35354	5.331	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	3819	4.053	ng		93
66) n-Nitrosodiphenylamine	10.563	169	29638	4.993	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	9712	4.908	ng		93
68) Hexachlorobenzene	10.998	284	11835	5.225	ng		98
69) Atrazine	11.086	200	8924	6.516	ng		94
70) Pentachlorophenol	11.192	266	6290	4.807	ng		97
71) Phenanthrene	11.416	178	50027	5.251	ng		99
72) Anthracene	11.469	178	48204	5.179	ng		98
73) Carbazole	11.622	167	47039	5.408	ng		99
74) Di-n-butylphthalate	11.951	149	47689	5.354	ng		99
75) Fluoranthene	12.604	202	56089	5.872	ng		99
77) Benzidine	12.727	184	6607	2.166	ng		96
78) Pyrene	12.833	202	58177	3.976	ng		99
80) Butylbenzylphthalate	13.451	149	19663	5.709	ng		95
81) Benzo(a)anthracene	14.016	228	50501	5.221	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	14703	5.724	ng		97
83) Chrysene	14.051	228	47410	5.252	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	26039	6.441	ng		99
85) Di-n-octyl phthalate	14.621	149	36708	4.742	ng		97
87) Indeno(1,2,3-cd)pyrene	16.951	276	29213	3.790	ng		99
88) Benzo(b)fluoranthene	15.063	252	39600	5.573	ng		100
89) Benzo(k)fluoranthene	15.092	252	37654	5.910	ng		99
90) Benzo(a)pyrene	15.427	252	30914	5.124	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	23740	3.738	ng		98
92) Benzo(g,h,i)perylene	17.392	276	24841	3.789	ng		98

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

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