Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139347.D
Acq On : 13 Sep 2024 15:28
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Sep 14 02:14:59 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	53717	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	201664	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	115245	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	222099	20.000	ng		0.00
76) Chrysene-d12	14.027	240	158199	20.000	ng		0.00
86) Perylene-d12	15.492	264	122502	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	65675	20.453	ng		0.00
7) Phenol-d6	6.498	99	87242	20.352	ng		0.00
23) Nitrobenzene-d5	7.434	82	83657	21.581	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	23249	23.362	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	161282	21.603	ng		0.00
79) Terphenyl-d14	12.974	244	178386	18.206	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	13534	9.051	ng		97
3) Pyridine	3.416	79	29605	8.202	ng		98
4) n-Nitrosodimethylamine	3.352	42	24984	10.659	ng		97
6) Aniline	6.534	93	33088	8.394	ng		97
8) 2-Chlorophenol	6.657	128	34776	10.450	ng		99
9) Benzaldehyde	6.428	77	28274	10.896	ng		99
10) Phenol	6.510	94	45862	10.143	ng		97
11) bis(2-Chloroethyl)ether	6.610	93	31623	9.762	ng		99
12) 1,3-Dichlorobenzene	6.816	146	39989	10.616	ng		99
13) 1,4-Dichlorobenzene	6.893	146	39300	10.424	ng		98
14) 1,2-Dichlorobenzene	7.045	146	37222	10.586	ng		100
15) Benzyl Alcohol	7.010	79	35102	11.228	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	52944	8.586	ng		100
17) 2-Methylphenol	7.122	107	26846	9.876	ng		99
18) Hexachloroethane	7.387	117	15219	11.302	ng		95
19) n-Nitroso-di-n-propyla...	7.281	70	25559	10.352	ng		95
20) 3+4-Methylphenols	7.275	107	36485	10.649	ng	#	88
22) Acetophenone	7.281	105	51367	10.692	ng		97
24) Nitrobenzene	7.451	77	43986	10.691	ng		98
25) Isophorone	7.692	82	67599	10.200	ng		99
26) 2-Nitrophenol	7.769	139	15797	9.775	ng		97
27) 2,4-Dimethylphenol	7.804	122	22063	9.573	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	38096	9.648	ng		100
29) 2,4-Dichlorophenol	8.010	162	28500	10.328	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	33349	10.582	ng		99
31) Naphthalene	8.181	128	104653	10.248	ng		100
32) Benzoic acid	7.875	122	18593	8.857	ng		92
33) 4-Chloroaniline	8.228	127	32939	9.315	ng		97
34) Hexachlorobutadiene	8.298	225	23282	11.658	ng		98
35) Caprolactam	8.563	113	8646	10.121	ng		99
36) 4-Chloro-3-methylphenol	8.698	107	31957	10.627	ng		99
37) 2-Methylnaphthalene	8.869	142	65040	10.179	ng		100
38) 1-Methylnaphthalene	8.969	142	65274	10.387	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	32822	10.066	ng		99
41) Hexachlorocyclopentadiene	9.022	237	11284	10.768	ng		100
43) 2,4,6-Trichlorophenol	9.145	196	21505	10.080	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	22415	10.026	ng		99
46) 1,1'-Biphenyl	9.334	154	85183	9.976	ng		98
47) 2-Chloronaphthalene	9.357	162	63947	9.918	ng		98
48) 2-Nitroaniline	9.451	65	23443	10.556	ng		94
49) Acenaphthylene	9.769	152	98269	10.120	ng		99
50) Dimethylphthalate	9.628	163	73968	10.590	ng		100
51) 2,6-Dinitrotoluene	9.686	165	15845	9.999	ng		91
52) Acenaphthene	9.945	154	65732	10.206	ng		99
53) 3-Nitroaniline	9.857	138	15917	9.428	ng		96
54) 2,4-Dinitrophenol	9.963	184	6191	9.124	ng	#	82
55) Dibenzofuran	10.116	168	96142	10.412	ng		98
56) 4-Nitrophenol	10.010	139	13161	10.561	ng		92
57) 2,4-Dinitrotoluene	10.092	165	21031	10.427	ng		99
58) Fluorene	10.457	166	76225	10.647	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	18817	10.693	ng		99
60) Diethylphthalate	10.328	149	74418	10.826	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	36753	10.645	ng		99
62) 4-Nitroaniline	10.463	138	18177	11.310	ng		95
63) Azobenzene	10.610	77	74109	10.229	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	10162	9.902	ng		97
66) n-Nitrosodiphenylamine	10.563	169	62625	9.687	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	20673	9.594	ng		98
68) Hexachlorobenzene	10.998	284	25459	10.320	ng		96
69) Atrazine	11.086	200	18272	12.250	ng		98
70) Pentachlorophenol	11.192	266	14381	10.092	ng		99
71) Phenanthrene	11.416	178	103026	9.930	ng		99
72) Anthracene	11.469	178	100952	9.960	ng		99
73) Carbazole	11.622	167	99653	10.520	ng		98
74) Di-n-butylphthalate	11.951	149	107918	11.126	ng		100
75) Fluoranthene	12.604	202	121289	11.660	ng		99
77) Benzidine	12.727	184	14345	4.503	ng		98
78) Pyrene	12.833	202	123993	8.114	ng		99
80) Butylbenzylphthalate	13.451	149	43639	12.130	ng		98
81) Benzo(a)anthracene	14.016	228	101798	10.077	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	30382	11.325	ng		99
83) Chrysene	14.051	228	95429	10.122	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	56206	13.311	ng		100
85) Di-n-octyl phthalate	14.621	149	75430	9.330	ng		98
87) Indeno(1,2,3-cd)pyrene	16.957	276	62757	8.200	ng		99
88) Benzo(b)fluoranthene	15.063	252	72770	10.315	ng		99
89) Benzo(k)fluoranthene	15.092	252	74218	11.733	ng		100
90) Benzo(a)pyrene	15.427	252	60345	10.073	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	51908	8.231	ng		99
92) Benzo(g,h,i)perylene	17.398	276	51824	7.961	ng		98

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

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