Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
Data File : BF139235.D
Acq On : 04 Sep 2024 12:08
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 04 15:44:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 15:37:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	126710	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	470236	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	256125	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	469317	20.000	ng		0.00
76) Chrysene-d12	14.051	240	250888	20.000	ng		0.00
86) Perylene-d12	15.527	264	195063	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	81153	10.714	ng		-0.01
7) Phenol-d6	6.504	99	111366	11.014	ng		-0.01
23) Nitrobenzene-d5	7.445	82	94288	10.380	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	22558	10.199	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	193262	11.648	ng		0.00
79) Terphenyl-d14	12.992	244	175987	11.326	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	18928	5.366	ng		98
3) Pyridine	3.434	79	45004	5.286	ng		97
4) n-Nitrosodimethylamine	3.369	42	27987	5.062	ng	#	93
6) Aniline	6.546	93	50595	5.441	ng		97
8) 2-Chlorophenol	6.669	128	43228	5.507	ng		94
9) Benzaldehyde	6.434	77	35819	5.852	ng		99
10) Phenol	6.516	94	58499	5.485	ng		94
11) bis(2-Chloroethyl)ether	6.616	93	41551	5.438	ng		99
12) 1,3-Dichlorobenzene	6.828	146	49118	5.528	ng		100
13) 1,4-Dichlorobenzene	6.904	146	48673	5.473	ng		97
14) 1,2-Dichlorobenzene	7.057	146	46476	5.603	ng		98
15) Benzyl Alcohol	7.022	79	38945	5.281	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	78607	5.404	ng		99
17) 2-Methylphenol	7.128	107	34263	5.343	ng		98
18) Hexachloroethane	7.398	117	17196	5.414	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	31611	5.381	ng		99
20) 3+4-Methylphenols	7.281	107	44393	5.493	ng		95
22) Acetophenone	7.293	105	62376	5.568	ng		94
24) Nitrobenzene	7.463	77	48883	5.095	ng		99
25) Isophorone	7.698	82	79939	5.173	ng		98
26) 2-Nitrophenol	7.781	139	16151	4.286	ng		98
27) 2,4-Dimethylphenol	7.816	122	27611	5.138	ng		100
28) bis(2-Chloroethoxy)met...	7.916	93	48176	5.232	ng		99
29) 2,4-Dichlorophenol	8.022	162	32789	5.096	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	39277	5.345	ng		98
31) Naphthalene	8.192	128	131313	5.514	ng		100
33) 4-Chloroaniline	8.240	127	44622	5.412	ng		97
34) Hexachlorobutadiene	8.310	225	25204	5.412	ng		99
35) Caprolactam	8.563	113	9511	4.775	ng		92
36) 4-Chloro-3-methylphenol	8.710	107	36331	5.181	ng		99
37) 2-Methylnaphthalene	8.881	142	83252	5.588	ng		96
38) 1-Methylnaphthalene	8.981	142	80878	5.520	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	39923	5.509	ng		98
41) Hexachlorocyclopentadiene	9.034	237	9825	4.219	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	24401	5.147	ng		98
44) 2,4,5-Trichlorophenol	9.192	196	24916	5.015	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.345	154	105305	5.549	ng		99
47) 2-Chloronaphthalene	9.369	162	79165	5.525	ng		98
48) 2-Nitroaniline	9.463	65	22492	4.557	ng		97
49) Acenaphthylene	9.787	152	118523	5.492	ng		99
50) Dimethylphthalate	9.639	163	83971	5.409	ng		98
51) 2,6-Dinitrotoluene	9.704	165	17165	4.874	ng		99
52) Acenaphthene	9.957	154	75801	5.296	ng		99
53) 3-Nitroaniline	9.869	138	18582	4.952	ng	#	96
55) Dibenzofuran	10.128	168	113913	5.551	ng		99
56) 4-Nitrophenol	10.022	139	11962	4.319	ng		91
57) 2,4-Dinitrotoluene	10.104	165	19739	4.404	ng		95
58) Fluorene	10.469	166	90856	5.710	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	19949	5.101	ng		98
60) Diethylphthalate	10.339	149	81290	5.321	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	42854	5.585	ng		97
62) 4-Nitroaniline	10.475	138	16709	4.678	ng		97
63) Azobenzene	10.628	77	88259	5.481	ng		97
66) n-Nitrosodiphenylamine	10.581	169	72916	5.337	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	23609	5.185	ng		98
68) Hexachlorobenzene	11.016	284	28204	5.411	ng		98
69) Atrazine	11.104	200	18513	5.874	ng		97
70) Pentachlorophenol	11.210	266	11984	3.980	ng		96
71) Phenanthrene	11.433	178	122280	5.577	ng		99
72) Anthracene	11.486	178	116312	5.431	ng		99
73) Carbazole	11.639	167	109302	5.460	ng		99
74) Di-n-butylphthalate	11.975	149	102889	5.020	ng		99
75) Fluoranthene	12.622	202	123713	5.628	ng		99
77) Benzidine	12.745	184	24429	4.836	ng		99
78) Pyrene	12.851	202	130685	5.392	ng		99
80) Butylbenzylphthalate	13.475	149	21779	3.817	ng		98
81) Benzo(a)anthracene	14.039	228	84718	5.288	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	17688	4.157	ng		98
83) Chrysene	14.074	228	78122	5.225	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	24589	3.672	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	58301	4.784	ng		99
88) Benzo(b)fluoranthene	15.092	252	56243	5.007	ng		98
89) Benzo(k)fluoranthene	15.121	252	52909	5.253	ng		99
90) Benzo(a)pyrene	15.457	252	46512	4.876	ng		97
91) Dibenzo(a,h)anthracene	17.021	278	47721	4.752	ng		98
92) Benzo(g,h,i)perylene	17.445	276	51766	4.994	ng		99

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

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