Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139845.D
Acq On : 18 Oct 2024 10:55
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Oct 18 14:16:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 14:11:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	189112	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	737062	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	414324	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	741430	20.000	ng		0.00
76) Chrysene-d12	14.051	240	477223	20.000	ng		0.00
86) Perylene-d12	15.527	264	377685	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	138495	11.465	ng		0.00
7) Phenol-d6	6.493	99	179648	11.482	ng		-0.02
23) Nitrobenzene-d5	7.445	82	134439	10.109	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	41682	10.755	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	313171	12.492	ng		0.00
79) Terphenyl-d14	12.992	244	329424	11.248	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	30759	5.461	ng		97
3) Pyridine	3.452	79	76703	5.494	ng		98
4) n-Nitrosodimethylamine	3.375	42	38552	5.140	ng	#	96
6) Aniline	6.545	93	79083	5.424	ng		98
8) 2-Chlorophenol	6.669	128	71065	5.754	ng		98
10) Phenol	6.510	94	92287	5.620	ng		95
11) bis(2-Chloroethyl)ether	6.616	93	69504	5.575	ng		98
12) 1,3-Dichlorobenzene	6.828	146	81239	5.731	ng		99
13) 1,4-Dichlorobenzene	6.904	146	81442	5.750	ng		99
14) 1,2-Dichlorobenzene	7.057	146	78458	5.936	ng		97
15) Benzyl Alcohol	7.016	79	64060	5.582	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	119350	5.614	ng		100
17) 2-Methylphenol	7.122	107	59770	5.676	ng		96
18) Hexachloroethane	7.404	117	27566	5.458	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	53958	5.686	ng		97
20) 3+4-Methylphenols	7.275	107	79329	5.890	ng		92
22) Acetophenone	7.287	105	106522	5.900	ng		98
24) Nitrobenzene	7.463	77	76831	5.269	ng		96
25) Isophorone	7.698	82	139084	5.510	ng		100
26) 2-Nitrophenol	7.781	139	22867	4.157	ng		95
27) 2,4-Dimethylphenol	7.810	122	52430	5.716	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	86298	5.643	ng		99
29) 2,4-Dichlorophenol	8.016	162	56772	5.434	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	64640	5.592	ng		99
31) Naphthalene	8.192	128	222725	5.859	ng		99
33) 4-Chloroaniline	8.234	127	73196	5.647	ng		99
34) Hexachlorobutadiene	8.310	225	41186	5.670	ng		97
35) Caprolactam	8.557	113	16989	5.114	ng		98
36) 4-Chloro-3-methylphenol	8.704	107	62903	5.438	ng		99
37) 2-Methylnaphthalene	8.881	142	136292	5.854	ng		99
38) 1-Methylnaphthalene	8.981	142	133747	5.856	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	63046	5.640	ng		100
41) Hexachlorocyclopentadiene	9.039	237	19121	4.916	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	41997	5.307	ng		98
44) 2,4,5-Trichlorophenol	9.187	196	44086	5.399	ng		99
46) 1,1'-Biphenyl	9.345	154	169920	5.891	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.369	162	133456	5.745	ng		99
48) 2-Nitroaniline	9.457	65	30999	4.363	ng		99
49) Acenaphthylene	9.786	152	192014	5.717	ng		99
50) Dimethylphthalate	9.639	163	146096	5.661	ng		100
51) 2,6-Dinitrotoluene	9.698	165	26490	4.741	ng		96
52) Acenaphthene	9.957	154	124288	5.721	ng		100
53) 3-Nitroaniline	9.863	138	27995	4.858	ng	#	94
55) Dibenzofuran	10.128	168	182985	5.870	ng		98
56) 4-Nitrophenol	10.004	139	19402	4.376	ng		89
57) 2,4-Dinitrotoluene	10.098	165	29038	4.226	ng		92
58) Fluorene	10.469	166	145913	6.146	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	34636	5.411	ng		97
60) Diethylphthalate	10.339	149	141466	5.583	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	72331	6.033	ng		96
62) 4-Nitroaniline	10.469	138	25747	4.731	ng		96
63) Azobenzene	10.622	77	151158	5.627	ng		99
66) n-Nitrosodiphenylamine	10.581	169	124472	5.609	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	42707	5.591	ng		94
68) Hexachlorobenzene	11.016	284	47895	5.575	ng		98
69) Atrazine	11.104	200	35075	5.835	ng		99
70) Pentachlorophenol	11.210	266	21781	4.178	ng		93
71) Phenanthrene	11.433	178	207716	5.931	ng		98
72) Anthracene	11.486	178	200621	5.871	ng		99
73) Carbazole	11.639	167	185743	5.845	ng		99
74) Di-n-butylphthalate	11.975	149	204647	5.574	ng		99
75) Fluoranthene	12.622	202	213038	6.017	ng		100
77) Benzidine	12.745	184	54501	7.022	ng		99
78) Pyrene	12.851	202	225742	5.404	ng		99
80) Butylbenzylphthalate	13.474	149	58502	4.671	ng		100
81) Benzo(a)anthracene	14.039	228	170026	5.473	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	43937	4.851	ng		100
83) Chrysene	14.074	228	158121	5.551	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	62085	4.419	ng		97
87) Indeno(1,2,3-cd)pyrene	17.010	276	114185	4.699	ng		98
88) Benzo(b)fluoranthene	15.092	252	124353	5.405	ng		100
89) Benzo(k)fluoranthene	15.121	252	114525	5.772	ng		99
90) Benzo(a)pyrene	15.463	252	97243	5.137	ng		100
91) Dibenzo(a,h)anthracene	17.033	278	96416	4.757	ng		99
92) Benzo(g,h,i)perylene	17.457	276	97292	4.805	ng		99

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

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