Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
Data File : BF140216.D
Acq On : 04 Nov 2024 13:53
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Nov 04 16:53:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 16:40:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	205104	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	767254	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	451093	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	846392	20.000	ng		0.00
76) Chrysene-d12	14.051	240	583503	20.000	ng		0.00
86) Perylene-d12	15.551	264	477096	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	257920	21.308	ng		0.00
7) Phenol-d6	6.492	99	331374	21.336	ng		-0.01
23) Nitrobenzene-d5	7.434	82	322099	21.238	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	98183	19.740	ng		-0.01
45) 2-Fluorobiphenyl	9.228	172	638488	22.124	ng		0.00
79) Terphenyl-d14	12.986	244	744245	20.350	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	55027	10.299	ng		98
3) Pyridine	3.434	79	139414	10.623	ng		98
4) n-Nitrosodimethylamine	3.369	42	76507	10.407	ng		94
6) Aniline	6.534	93	149809	11.051	ng		98
8) 2-Chlorophenol	6.657	128	135906	10.652	ng		98
9) Benzaldehyde	6.428	77	113744	11.271	ng		98
10) Phenol	6.504	94	176314	10.673	ng		100
11) bis(2-Chloroethyl)ether	6.604	93	132854	10.461	ng		97
12) 1,3-Dichlorobenzene	6.816	146	159617	10.596	ng		99
13) 1,4-Dichlorobenzene	6.892	146	162119	10.653	ng		100
14) 1,2-Dichlorobenzene	7.045	146	153948	10.825	ng		99
15) Benzyl Alcohol	7.010	79	128652	10.575	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	202829	11.097	ng		99
17) 2-Methylphenol	7.116	107	106759	10.338	ng		100
18) Hexachloroethane	7.386	117	59265	10.461	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	108269	10.676	ng		95
20) 3+4-Methylphenols	7.269	107	142492	10.724	ng	#	89
22) Acetophenone	7.281	105	206342	10.973	ng		97
24) Nitrobenzene	7.451	77	171210	10.813	ng		97
25) Isophorone	7.686	82	273577	10.619	ng		99
26) 2-Nitrophenol	7.769	139	61351	9.873	ng		98
27) 2,4-Dimethylphenol	7.804	122	86282	10.139	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	165936	10.689	ng		99
29) 2,4-Dichlorophenol	8.010	162	111589	10.369	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	139252	10.538	ng		99
31) Naphthalene	8.181	128	418232	10.813	ng		99
32) Benzoic acid	7.863	122	46942	6.937	ng		98
33) 4-Chloroaniline	8.222	127	139839	10.908	ng		99
34) Hexachlorobutadiene	8.292	225	96181	10.489	ng		99
35) Caprolactam	8.563	113	33222	10.403	ng		99
36) 4-Chloro-3-methylphenol	8.698	107	123863	10.568	ng		100
37) 2-Methylnaphthalene	8.869	142	283060	10.966	ng		99
38) 1-Methylnaphthalene	8.969	142	273795	10.836	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	145112	10.422	ng		99
41) Hexachlorocyclopentadiene	9.022	237	33573	8.792	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	85305	10.034	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	91270	10.275	ng	97
46) 1,1'-Biphenyl	9.333	154	355482	10.857	ng	98
47) 2-Chloronaphthalene	9.357	162	268949	10.826	ng	98
48) 2-Nitroaniline	9.451	65	80629	10.441	ng	99
49) Acenaphthylene	9.775	152	378150	10.815	ng	99
50) Dimethylphthalate	9.628	163	295563	10.684	ng	100
51) 2,6-Dinitrotoluene	9.692	165	69432	10.533	ng	97
52) Acenaphthene	9.945	154	264125	10.598	ng	99
53) 3-Nitroaniline	9.857	138	63451	10.549	ng	96
54) 2,4-Dinitrophenol	9.969	184	16677	10.967	ng	94
55) Dibenzofuran	10.116	168	386372	10.975	ng	99
56) 4-Nitrophenol	10.010	139	43405	9.752	ng	96
57) 2,4-Dinitrotoluene	10.092	165	88863	10.298	ng	99
58) Fluorene	10.463	166	310210	11.019	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	74406	10.110	ng	98
60) Diethylphthalate	10.327	149	301914	10.714	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	158748	10.959	ng	99
62) 4-Nitroaniline	10.469	138	64213	10.501	ng	100
63) Azobenzene	10.610	77	316602	11.079	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	31997	7.220	ng	94
66) n-Nitrosodiphenylamine	10.569	169	252498	10.357	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	97709	10.251	ng	97
68) Hexachlorobenzene	11.010	284	109030	10.136	ng	98
69) Atrazine	11.092	200	79786	11.698	ng	98
70) Pentachlorophenol	11.204	266	51696	9.024	ng	98
71) Phenanthrene	11.427	178	442384	10.752	ng	99
72) Anthracene	11.474	178	430686	10.681	ng	99
73) Carbazole	11.627	167	392470	10.732	ng	100
74) Di-n-butylphthalate	11.963	149	455631	10.623	ng	99
75) Fluoranthene	12.616	202	478500	10.858	ng	99
77) Benzidine	12.739	184	138323	13.666	ng	99
78) Pyrene	12.845	202	488456	10.193	ng	99
80) Butylbenzylphthalate	13.468	149	166899	9.931	ng	98
81) Benzo(a)anthracene	14.039	228	404368	10.566	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	117246	10.154	ng	99
83) Chrysene	14.080	228	353226	10.034	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	236940	10.137	ng	99
85) Di-n-octyl phthalate	14.663	149	346354	9.992	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	278926	9.288	ng	98
88) Benzo(b)fluoranthene	15.110	252	315147	10.472	ng	99
89) Benzo(k)fluoranthene	15.139	252	278993	10.404	ng	100
90) Benzo(a)pyrene	15.486	252	243497	10.039	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	225567	9.223	ng	100
92) Benzo(g,h,i)perylene	17.503	276	231272	9.261	ng	99

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

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