Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
Data File : BF140232.D
Acq On : 05 Nov 2024 12:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Nov 05 16:05:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 15:55:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	166612	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	633777	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	371519	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	675726	20.000	ng		0.00
76) Chrysene-d12	14.057	240	440779	20.000	ng		0.00
86) Perylene-d12	15.562	264	369484	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	113220	11.261	ng		0.00
7) Phenol-d6	6.487	99	147074	11.373	ng		-0.02
23) Nitrobenzene-d5	7.428	82	137719	10.804	ng		-0.02
42) 2,4,6-Tribromophenol	10.698	330	37004	10.077	ng		-0.01
45) 2-Fluorobiphenyl	9.228	172	275075	11.823	ng		-0.01
79) Terphenyl-d14	12.986	244	304890	11.331	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	25542	5.526	ng		99
3) Pyridine	3.440	79	60966	5.406	ng		99
4) n-Nitrosodimethylamine	3.363	42	33282	5.111	ng	#	96
6) Aniline	6.534	93	67005	5.735	ng		98
8) 2-Chlorophenol	6.657	128	60035	5.707	ng		94
9) Benzaldehyde	6.428	77	48266	6.059	ng		96
10) Phenol	6.504	94	77615	5.651	ng		93
11) bis(2-Chloroethyl)ether	6.604	93	59042	5.659	ng		99
12) 1,3-Dichlorobenzene	6.816	146	70377	5.709	ng		99
13) 1,4-Dichlorobenzene	6.892	146	71647	5.763	ng		98
14) 1,2-Dichlorobenzene	7.045	146	67578	5.820	ng		97
15) Benzyl Alcohol	7.010	79	53385	5.355	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	96009	5.685	ng		98
17) 2-Methylphenol	7.116	107	48094	5.481	ng		99
18) Hexachloroethane	7.386	117	25475	5.501	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	46525	5.640	ng		100
20) 3+4-Methylphenols	7.269	107	62607	5.681	ng		93
22) Acetophenone	7.275	105	89338	5.685	ng	#	97
24) Nitrobenzene	7.451	77	71621	5.355	ng		99
25) Isophorone	7.686	82	119458	5.442	ng		99
26) 2-Nitrophenol	7.769	139	25340	4.763	ng		99
27) 2,4-Dimethylphenol	7.798	122	38041	5.255	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	72777	5.541	ng		96
29) 2,4-Dichlorophenol	8.004	162	47065	5.256	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	59052	5.503	ng		99
31) Naphthalene	8.175	128	191018	5.837	ng		98
33) 4-Chloroaniline	8.222	127	59005	5.476	ng		99
34) Hexachlorobutadiene	8.292	225	39831	5.484	ng		100
35) Caprolactam	8.551	113	14213	5.218	ng		97
36) 4-Chloro-3-methylphenol	8.698	107	53339	5.350	ng		98
37) 2-Methylnaphthalene	8.869	142	122302	5.726	ng		99
38) 1-Methylnaphthalene	8.963	142	121198	5.789	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	61028	5.611	ng		99
41) Hexachlorocyclopentadiene	9.022	237	11506	3.775	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	34991	5.192	ng		97
44) 2,4,5-Trichlorophenol	9.180	196	36304	5.123	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.328	154	154417	5.750	ng	98
47) 2-Chloronaphthalene	9.357	162	110964	5.490	ng	98
48) 2-Nitroaniline	9.451	65	33158	4.906	ng	100
49) Acenaphthylene	9.775	152	160677	5.615	ng	99
50) Dimethylphthalate	9.628	163	126555	5.531	ng	98
51) 2,6-Dinitrotoluene	9.692	165	28015	5.209	ng	98
52) Acenaphthene	9.945	154	111840	5.510	ng	99
53) 3-Nitroaniline	9.857	138	27313	5.393	ng	98
55) Dibenzofuran	10.116	168	164665	5.802	ng	99
56) 4-Nitrophenol	10.016	139	14822	4.163	ng	99
57) 2,4-Dinitrotoluene	10.092	165	35682	5.113	ng	96
58) Fluorene	10.463	166	134275	5.943	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	29985	5.165	ng	97
60) Diethylphthalate	10.327	149	126272	5.554	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	66377	5.830	ng	95
62) 4-Nitroaniline	10.469	138	25854	5.137	ng	98
63) Azobenzene	10.616	77	135576	5.752	ng	98
66) n-Nitrosodiphenylamine	10.569	169	109166	5.617	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	38865	5.341	ng	97
68) Hexachlorobenzene	11.010	284	44138	5.322	ng	98
69) Atrazine	11.092	200	34413	6.472	ng	98
70) Pentachlorophenol	11.204	266	17820	4.001	ng	98
71) Phenanthrene	11.427	178	182820	5.669	ng	99
72) Anthracene	11.480	178	180850	5.719	ng	98
73) Carbazole	11.633	167	164314	5.687	ng	99
74) Di-n-butylphthalate	11.963	149	189064	5.528	ng	99
75) Fluoranthene	12.616	202	195471	5.797	ng	100
77) Benzidine	12.739	184	55905	6.487	ng	99
78) Pyrene	12.845	202	203999	5.605	ng	98
80) Butylbenzylphthalate	13.468	149	63884	4.875	ng	97
81) Benzo(a)anthracene	14.045	228	152702	5.398	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	42666	4.803	ng	98
83) Chrysene	14.080	228	145493	5.492	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	95669	5.209	ng	98
85) Di-n-octyl phthalate	14.674	149	132302	4.786	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	102265	4.715	ng	98
88) Benzo(b)fluoranthene	15.121	252	120060	5.372	ng	98
89) Benzo(k)fluoranthene	15.151	252	112119	5.467	ng	99
90) Benzo(a)pyrene	15.498	252	94454	5.126	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	84741	4.749	ng	99
92) Benzo(g,h,i)perylene	17.515	276	87630	4.814	ng	98

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

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