Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041223\
Data File : BF132863.D
Acq On : 12 Apr 2023 16:21
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Apr 13 05:16:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:14:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	231627	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	909853	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	447674	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	809346	20.000	ng		0.00
76) Chrysene-d12	13.915	240	594753	20.000	ng		0.00
86) Perylene-d12	15.345	264	545704	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	173671	11.498	ng		-0.01
7) Phenol-d6	6.381	99	220729	11.456	ng		-0.02
23) Nitrobenzene-d5	7.322	82	186956	10.836	ng		-0.02
42) 2,4,6-Tribromophenol	10.586	330	39600	9.330	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	12.868	244	366129	10.738	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	41239	5.493	ng		99
3) Pyridine	3.198	79	110227	5.373	ng		96
4) n-Nitrosodimethylamine	3.110	42	51583	5.341	ng	#	94
6) Aniline	6.422	93	134616m	5.417	ng		
8) 2-Chlorophenol	6.545	128	86431	5.732	ng		95
10) Phenol	6.392	94	124619m	5.719	ng		
11) bis(2-Chloroethyl)ether	6.498	93	92063	5.797	ng		98
12) 1,3-Dichlorobenzene	6.710	146	94564	5.769	ng		97
13) 1,4-Dichlorobenzene	6.786	146	96500	5.854	ng		96
14) 1,2-Dichlorobenzene	6.939	146	93034	6.046	ng		97
15) Benzyl Alcohol	6.904	79	64297	5.104	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.045	45	149910	5.707	ng		99
17) 2-Methylphenol	7.010	107	74397	5.478	ng		99
18) Hexachloroethane	7.286	117	32343	5.761	ng		96
19) n-Nitroso-di-n-propyla...	7.175	70	58269	5.264	ng		97
20) 3+4-Methylphenols	7.169	107	96012	5.873	ng	#	86
22) Acetophenone	7.175	105	128231	5.989	ng	#	97
24) Nitrobenzene	7.345	77	96835	5.509	ng		99
25) Isophorone	7.586	82	166215	5.311	ng		99
26) 2-Nitrophenol	7.663	139	25587	4.126	ng		93
27) 2,4-Dimethylphenol	7.698	122	72652	5.478	ng		97
28) bis(2-Chloroethoxy)met...	7.798	93	104202	5.566	ng		98
29) 2,4-Dichlorophenol	7.898	162	63796	5.188	ng		96
30) 1,2,4-Trichlorobenzene	7.992	180	76039	5.706	ng		97
31) Naphthalene	8.075	128	268457	5.846	ng		98
33) 4-Chloroaniline	8.122	127	100655	5.407	ng		97
34) Hexachlorobutadiene	8.198	225	41566	5.644	ng		96
35) Caprolactam	8.445	113	13822	3.844	ng		98
36) 4-Chloro-3-methylphenol	8.592	107	65731	5.056	ng		99
37) 2-Methylnaphthalene	8.763	142	180783	5.855	ng		99
38) 1-Methylnaphthalene	8.863	142	167244	5.800	ng		100
40) 1,2,4,5-Tetrachloroben...	8.927	216	72329	5.724	ng		99
41) Hexachlorocyclopentadiene	8.922	237	29043	4.796	ng		98
43) 2,4,6-Trichlorophenol	9.039	196	39424	5.077	ng		98
44) 2,4,5-Trichlorophenol	9.069	196	47885	5.207	ng		94
46) 1,1'-Biphenyl	9.227	154	216834	6.000	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.251	162	153150	5.820	ng		98
48) 2-Nitroaniline	9.339	65	26432	6.213	ng		96
49) Acenaphthylene	9.663	152	247834	5.792	ng		97
50) Dimethylphthalate	9.522	163	162486	5.475	ng		100
51) 2,6-Dinitrotoluene	9.580	165	30955	4.753	ng		96
52) Acenaphthene	9.833	154	159541	5.804	ng		98
53) 3-Nitroaniline	9.745	138	35304	4.593	ng		99
55) Dibenzofuran	10.004	168	230211	5.917	ng		100
56) 4-Nitrophenol	9.892	139	26236	4.358	ng		92
57) 2,4-Dinitrotoluene	9.980	165	33396	4.136	ng		98
58) Fluorene	10.345	166	177157	6.102	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.121	232	34057	4.816	ng		94
60) Diethylphthalate	10.222	149	136788	5.117	ng		99
61) 4-Chlorophenyl-phenyle...	10.345	204	82865	5.988	ng		97
62) 4-Nitroaniline	10.351	138	33477	4.451	ng		96
63) Azobenzene	10.504	77	181806	5.688	ng		97
66) n-Nitrosodiphenylamine	10.457	169	145226	5.637	ng		98
67) 4-Bromophenyl-phenylether	10.833	248	46744	5.397	ng		97
68) Hexachlorobenzene	10.898	284	48571	5.369	ng		95
69) Atrazine	10.980	200	30688	4.564	ng		97
70) Pentachlorophenol	11.086	266	25562	4.317	ng		94
71) Phenanthrene	11.304	178	260294	5.822	ng		98
72) Anthracene	11.357	178	260641	5.706	ng		98
73) Carbazole	11.510	167	220949	5.490	ng		98
74) Di-n-butylphthalate	11.857	149	129446	3.840	ng		99
75) Fluoranthene	12.492	202	241239	5.386	ng		99
78) Pyrene	12.721	202	260705	5.251	ng		99
80) Butylbenzylphthalate	13.345	149	10564	7.857	ng	#	87
81) Benzo(a)anthracene	13.910	228	217397	5.309	ng		98
83) Chrysene	13.939	228	217951	5.458	ng		99
84) Bis(2-ethylhexyl)phtha...	13.915	149	19376	6.989	ng		91
87) Indeno(1,2,3-cd)pyrene	16.733	276	120208	7.559	ng		98
88) Benzo(b)fluoranthene	14.933	252	163286	4.723	ng		99
89) Benzo(k)fluoranthene	14.962	252	190251	5.366	ng		99
90) Benzo(a)pyrene	15.286	252	151556	4.802	ng		99
91) Dibenzo(a,h)anthracene	16.756	278	101269	7.401	ng		99
92) Benzo(g,h,i)perylene	17.150	276	98785	7.600	ng		99

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

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