Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031022\
Data File : BF127291.D
Acq On : 10 Mar 2022 17:22
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031022

Quant Time: Mar 10 17:51:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	80477	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	280008	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	160447	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	293556	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	220556	20.000	ng	#	0.00
86) Perylene-d12	15.539	264	177182	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	381063	76.119	ng		0.00
7) Phenol-d6	6.504	99	534065	77.550	ng		0.00
23) Nitrobenzene-d5	7.440	82	518275	76.440	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	143629	83.157	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	914270	80.562	ng		0.00
79) Terphenyl-d14	12.992	244	1040906	81.267	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	100367	38.666	ng	#	79
3) Pyridine	3.404	79	265081	38.376	ng	#	75
4) n-Nitrosodimethylamine	3.381	42	153789	40.185	ng	#	59
6) Aniline	6.540	93	330745	40.187	ng		94
8) 2-Chlorophenol	6.657	128	205619	39.703	ng		92
9) Benzaldehyde	6.428	77	157774	45.464	ng		92
10) Phenol	6.516	94	292461	38.659	ng		77
11) bis(2-Chloroethyl)ether	6.610	93	223789	39.835	ng		93
12) 1,3-Dichlorobenzene	6.810	146	228197	39.254	ng		97
13) 1,4-Dichlorobenzene	6.887	146	233232	39.992	ng		98
14) 1,2-Dichlorobenzene	7.040	146	209802	38.223	ng		98
15) Benzyl Alcohol	7.016	79	211338	40.942	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.145	45	407883	38.688	ng		98
17) 2-Methylphenol	7.122	107	168030	38.165	ng	#	89
18) Hexachloroethane	7.381	117	88988	39.722	ng	#	77
19) n-Nitroso-di-n-propyla...	7.287	70	167019	38.864	ng	#	87
20) 3+4-Methylphenols	7.281	107	213397	37.374	ng	#	83
22) Acetophenone	7.287	105	282930	36.905	ng	#	91
24) Nitrobenzene	7.457	77	250207	39.017	ng		92
25) Isophorone	7.692	82	426006	39.075	ng	#	96
26) 2-Nitrophenol	7.769	139	111086	41.829	ng	#	70
27) 2,4-Dimethylphenol	7.804	122	160480	40.254	ng		93
28) bis(2-Chloroethoxy)met...	7.898	93	266042	38.512	ng		99
29) 2,4-Dichlorophenol	8.016	162	178784	39.159	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	212829	40.890	ng		97
31) Naphthalene	8.175	128	589018	39.434	ng		99
32) Benzoic acid	7.939	122	111064	41.173	ng		87
33) 4-Chloroaniline	8.228	127	224761	38.821	ng	#	91
34) Hexachlorobutadiene	8.287	225	140009	40.338	ng		99
35) Caprolactam	8.610	113	57619	42.245	ng	#	75
36) 4-Chloro-3-methylphenol	8.710	107	200082	40.434	ng		99
37) 2-Methylnaphthalene	8.869	142	400942	41.081	ng		96
38) 1-Methylnaphthalene	8.969	142	375392	40.009	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	211522	41.644	ng	#	94
41) Hexachlorocyclopentadiene	9.016	237	82558	42.002	ng		95
43) 2,4,6-Trichlorophenol	9.145	196	135211	42.178	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	141392	41.558	ng	#	89
46) 1,1'-Biphenyl	9.334	154	485654	40.105	ng		98
47) 2-Chloronaphthalene	9.357	162	380908	40.408	ng		98
48) 2-Nitroaniline	9.463	65	153587	42.347	ng		95
49) Acenaphthylene	9.775	152	576310	39.950	ng		99
50) Dimethylphthalate	9.633	163	493980	42.966	ng		99
51) 2,6-Dinitrotoluene	9.704	165	97254	41.818	ng		92
52) Acenaphthene	9.951	154	343640	39.963	ng		96
53) 3-Nitroaniline	9.875	138	99622	39.309	ng	#	91
54) 2,4-Dinitrophenol	9.981	184	49797	40.832	ng	#	82
55) Dibenzofuran	10.122	168	538632	40.320	ng		100
56) 4-Nitrophenol	10.039	139	65673	42.633	ng	#	71
57) 2,4-Dinitrotoluene	10.110	165	126329	41.286	ng	#	90
58) Fluorene	10.463	166	415401	40.102	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	117768	41.652	ng	#	81
60) Diethylphthalate	10.333	149	434051	41.389	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	230758	41.106	ng		93
62) 4-Nitroaniline	10.492	138	103766	41.088	ng	#	80
63) Azobenzene	10.616	77	502778	41.707	ng		88
65) 4,6-Dinitro-2-methylph...	10.522	198	81015	44.760	ng		88
66) n-Nitrosodiphenylamine	10.575	169	365447	40.084	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	142031	40.137	ng		94
68) Hexachlorobenzene	11.010	284	154396	40.035	ng	#	89
69) Atrazine	11.104	200	130980	41.634	ng		93
70) Pentachlorophenol	11.210	266	68533	44.013	ng		99
71) Phenanthrene	11.433	178	602161	38.858	ng		99
72) Anthracene	11.480	178	618603	40.308	ng		99
73) Carbazole	11.639	167	567997	39.302	ng		99
74) Di-n-butylphthalate	11.957	149	682898	40.399	ng		99
75) Fluoranthene	12.622	202	699210	40.354	ng		92
77) Benzidine	12.745	184	211159	37.648	ng		98
78) Pyrene	12.851	202	694735	40.441	ng		99
80) Butylbenzylphthalate	13.463	149	275322	41.643	ng	#	92
81) Benzo(a)anthracene	14.039	228	596898	40.194	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	179916	38.964	ng	#	95
83) Chrysene	14.080	228	543937	39.380	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	361295	40.595	ng	#	98
85) Di-n-octyl phthalate	14.627	149	606464	45.021	ng		96
87) Indeno(1,2,3-cd)pyrene	17.051	276	385842	36.149	ng	#	83
88) Benzo(b)fluoranthene	15.104	252	464404	39.931	ng	#	91
89) Benzo(k)fluoranthene	15.133	252	450816	41.225	ng	#	93
90) Benzo(a)pyrene	15.474	252	371190	40.531	ng	#	93
91) Dibenzo(a,h)anthracene	17.062	278	322011	36.248	ng	#	87
92) Benzo(g,h,i)perylene	17.509	276	326975	37.733	ng	#	84

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

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