Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111422\
Data File : BF131222.D
Acq On : 14 Nov 2022 13:03
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Nov 15 03:27:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 15 03:24:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	76427	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	217939	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	118623	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	183731	20.000	ng	0.00
76) Chrysene-d12	13.986	240	190712	20.000	ng	0.00
86) Perylene-d12	15.445	264	140480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	96468	19.311	ng	0.00
7) Phenol-d6	6.434	99	125476	20.179	ng	-0.01
23) Nitrobenzene-d5	7.369	82	134498	26.478	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	29424	25.044	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	182723	21.392	ng	0.00
79) Terphenyl-d14	12.922	244	214422	19.290	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.522	88	16800	7.789	ng	98
3) Pyridine	3.269	79	43957m	7.289	ng	
4) n-Nitrosodimethylamine	3.210	42	32341	7.897	ng	93
6) Aniline	6.469	93	77714	10.014	ng	95
8) 2-Chlorophenol	6.593	128	55193	10.680	ng	99
9) Benzaldehyde	6.357	77	46335	12.929	ng	95
10) Phenol	6.445	94	75501	10.285	ng	89
11) bis(2-Chloroethyl)ether	6.540	93	54587	10.341	ng	99
12) 1,3-Dichlorobenzene	6.745	146	61038	10.523	ng	98
13) 1,4-Dichlorobenzene	6.822	146	62609	10.196	ng	99
14) 1,2-Dichlorobenzene	6.975	146	60414	11.226	ng	96
15) Benzyl Alcohol	6.951	79	39875	9.436	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	101051	10.583	ng	99
17) 2-Methylphenol	7.063	107	47951	10.360	ng	96
18) Hexachloroethane	7.316	117	24221	9.779	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	43773	10.230	ng	97
20) 3+4-Methylphenols	7.216	107	62970	11.118	ng	94
22) Acetophenone	7.216	105	81694	13.957	ng	98
24) Nitrobenzene	7.392	77	67114	13.274	ng	94
25) Isophorone	7.628	82	108821	13.209	ng	98
26) 2-Nitrophenol	7.710	139	24646	11.372	ng	94
27) 2,4-Dimethylphenol	7.745	122	34943	10.734	ng	99
28) bis(2-Chloroethoxy)met...	7.839	93	46227	10.591	ng	98
29) 2,4-Dichlorophenol	7.951	162	33984	10.043	ng	98
30) 1,2,4-Trichlorobenzene	8.034	180	42707	11.143	ng	98
31) Naphthalene	8.110	128	128565	10.801	ng	99
32) Benzoic acid	7.845	122	11302m	7.151	ng	
33) 4-Chloroaniline	8.163	127	45311	9.794	ng	97
34) Hexachlorobutadiene	8.228	225	27331	10.301	ng	98
35) Caprolactam	8.516	113	9715	9.663	ng	91
36) 4-Chloro-3-methylphenol	8.645	107	50644	12.819	ng	99
37) 2-Methylnaphthalene	8.804	142	79490	10.618	ng	100
38) 1-Methylnaphthalene	8.904	142	92610	12.976	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	51581	13.742	ng	99
41) Hexachlorocyclopentadiene	8.951	237	5152	5.559	ng	96
43) 2,4,6-Trichlorophenol	9.086	196	24576	10.727	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	26017	10.588	ng		96
46) 1,1'-Biphenyl	9.269	154	102364	11.483	ng		99
47) 2-Chloronaphthalene	9.292	162	82377	11.262	ng		98
48) 2-Nitroaniline	9.392	65	28490	10.154	ng		93
49) Acenaphthylene	9.710	152	113392	10.202	ng		99
50) Dimethylphthalate	9.569	163	111179	12.461	ng		99
51) 2,6-Dinitrotoluene	9.633	165	25196	12.803	ng		93
52) Acenaphthene	9.881	154	71233	10.088	ng		98
53) 3-Nitroaniline	9.804	138	21223	10.180	ng		94
54) 2,4-Dinitrophenol	9.922	184	4944	6.000	ng	#	86
55) Dibenzofuran	10.057	168	116113	10.845	ng		100
56) 4-Nitrophenol	9.975	139	9461	8.523	ng		90
57) 2,4-Dinitrotoluene	10.039	165	24715	9.787	ng	#	99
58) Fluorene	10.398	166	124702	13.748	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.175	232	27635	12.454	ng		91
60) Diethylphthalate	10.269	149	127728	13.406	ng		100
61) 4-Chlorophenyl-phenyle...	10.392	204	59634	14.069	ng		89
62) 4-Nitroaniline	10.416	138	31141	13.618	ng		92
63) Azobenzene	10.551	77	137324	14.000	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	16635	11.954	ng		97
66) n-Nitrosodiphenylamine	10.510	169	109879	15.462	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	25932	11.938	ng		93
68) Hexachlorobenzene	10.945	284	26912	11.305	ng		97
69) Atrazine	11.033	200	19856	9.774	ng		96
70) Pentachlorophenol	11.151	266	3711m	5.281	ng		
71) Phenanthrene	11.363	178	104686	9.886	ng		99
72) Anthracene	11.416	178	102434	10.095	ng		99
73) Carbazole	11.575	167	118901	12.245	ng		99
74) Di-n-butylphthalate	11.898	149	150606	12.587	ng		100
75) Fluoranthene	12.551	202	149354	13.365	ng		99
77) Benzidine	12.680	184	51039	10.664	ng		99
78) Pyrene	12.786	202	154348	9.520	ng		97
80) Butylbenzylphthalate	13.398	149	63014	9.696	ng		99
81) Benzo(a)anthracene	13.974	228	137515	10.147	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	41442	10.505	ng		98
83) Chrysene	14.010	228	132372	10.248	ng		98
84) Bis(2-ethylhexyl)phtha...	13.957	149	78704	9.525	ng		99
85) Di-n-octyl phthalate	14.574	149	113702	9.455	ng		98
87) Indeno(1,2,3-cd)pyrene	16.904	276	77464	8.032	ng		98
88) Benzo(b)fluoranthene	15.021	252	102039	9.913	ng		99
89) Benzo(k)fluoranthene	15.045	252	99798	10.311	ng		97
90) Benzo(a)pyrene	15.386	252	78289	9.718	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	63671	8.067	ng		96
92) Benzo(g,h,i)perylene	17.345	276	60945	7.457	ng		98

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

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